



Vanasse Hangen Brustlin, Inc.

August 16, 2010

Connecticut Department of Environmental Protection
Waste Management Bureau: WEED-District 1
79 Elm Street
Hartford, CT 06106

Attention Mr. Dave Ringquist

RE: 2010 – Second Quarter Sampling Event
Former Envirite RCRA Facility
Old Waterbury Road
Thomaston, Connecticut

Dear Mr. Ringquist:

This report documents the observations and analytical results of the second quarterly sampling event of 2010 at the former Envirite site located in Thomaston, Connecticut. Monitoring and sampling of select site groundwater monitoring wells was conducted on June 28, 2010. This sampling event was conducted as part of a post-closure monitoring program for the landfill. Figure 1 shows the location of the wells and inferred groundwater contours for the June 28, 2010 sampling event. Tables 1 through 4 present field data, laboratory analytical results, and comparisons with potentially applicable Connecticut Department of Environmental Protection (CTDEP) cleanup criteria (based on the Remediation Standard Regulations and Water Quality Standards).

GROUNDWATER SAMPLING AND ANALYSIS

Vanasse Hangen Brustlin, Inc. (VHB) personnel collected the samples and Phoenix Environmental Laboratories, Inc. (Phoenix), a Connecticut certified laboratory, analyzed the samples. Sampling and analytical procedures were performed according to Envirite's revised Post-Closure Plan, dated April 1987, as approved by the United States Environmental Protection Agency (USEPA) and CTDEP.

Samples from Resource Conservation and Recovery Act (RCRA) quarterly monitoring wells were analyzed in the field for specific conductivity, pH, and temperature. Phoenix analyzed the samples for volatile organic compounds (VOCs) and selected inorganic constituents. A complete parameter list for these samples is provided on the laboratory data sheets included in the Appendix. Samples were analyzed according to USEPA Method 8260 and by additional methods described in "Test Methods for Evaluating Solid Waste" USEPA SW-846, 1996 and "Standard Methods for Examination of Water and Wastewater", APHA-AWWA-WPCF, 1995. The sampling and analytical protocols used were consistent with Envirite's post-closure plan and subsequent revisions including the response to the EPA's review and comment of Envirite's groundwater assessment plan (May 18, 1992).

Quality control samples included a duplicate sample (from monitoring well MW-42S), a field blank, a trip blank (for VOCs only), and an equipment blank. Water samples were collected in appropriate, laboratory-supplied containers and preserved according to the approved Post-Closure Plan. The VHB field log is presented in the Appendix.

VHB collected surface water samples from Branch Brook at locations upstream and downstream of the Envirite site.

ANALYTICAL RESULTS

Tables 1 and 2 summarize the results of analyses for the RCRA quarterly monitoring for wells located in GB and GA areas, respectively. The analytical data for the surface water samples and the quality control samples are presented in Tables 3 and 4, respectively. The tables summarize data for VOCs, dissolved metals, ammonia, chloride, cyanide (total), nitrate, nitrite, phenols, sulfate, total dissolved solids (TDS), total suspended solids (TSS), total organic carbon (TOC), and total organic halides (TOX). Field measured parameters of pH and specific conductance are also summarized in Tables 1 through 4.

The CTDEP Remediation Standard Regulations (RSRs)¹ are provided on the groundwater analytical summary tables for reference only. The 95% Upper Confidence Level (UCL) and average values will be calculated and compared to the Residential Volatilization Criteria (RVC), the Industrial/Commercial Volatilization Criteria (IVC), the Surface Water Protection Criteria (SWPC) and Ground Water Protection Criteria (GWPC) for the data collected in 2010. These comparisons will be presented in the 2010 Annual Report.

Surface water samples were compared to the Water Quality Standards (WQS) for Class A Surface Waters. Values exceeding the WQS (standards are noted on tables) are identified in bold type.

Volatile Organic Compounds

The results of analyses for VOCs are summarized in Tables 1 and 2 for wells located in GB and GA areas, respectively. VOCs were detected in eleven (11) of the fifteen (15) samples collected (12 wells, 1 duplicate well sample and 2 surface water samples). These VOCs included 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 4-methyl-2-pentanone, acetone, benzene, cis-1,2-dichloroethene, ethylbenzene, isopropylbenzene, methyl ethyl ketone (MEK), naphthalene, n-propylbenzene, tetrachloroethene (PCE), tetrahydrofuran, toluene, trichloroethylene (TCE), vinyl chloride (VC), and xylenes. In line with historical results MW-31S had the highest reported concentrations of many of the VOCs detected.

During this sampling event, the following VOCs were reported with the highest concentrations in the sample collected from MW-31S; 1,2,4-trimethylbenzene (290 µg/l), 1,3,5-trimethylbenzene (93 µg/l), 4-methyl-2-pentanone (64,000 µg/l), acetone (11,000 µg/l), benzene (160 µg/l), cis-1,2-dichloroethene (5,800 µg/l), ethylbenzene (3,500 µg/l), isopropylbenzene (100 µg/l), MEK

¹ It should be noted that Envirite's legal counsel had advised that, according to the Regulations of Connecticut State Agencies Section 22a-133k-1(b), the RSRs do not apply to areas that are affected by discharges allowed under a ground water discharge permit issued pursuant to Section 22a-430. Envirite has held a ground water discharge permit since 1984 at the Thomaston facility. Thus while compliance with RSRs is one indicator of potential need for remediation to CTDEP, USEPA, and Envirite, these regulations are not strictly applicable to ground water constituent levels at the Thomaston facility.

(26,000 µg/l), naphthalene (68 µg/l), n-propylbenzene (40 µg/l), tetrahydrofuran (890 µg/l), toluene (16,000 µg/l), VC (360 µg/l), and xylenes (9,900 µg/l). The highest concentrations of PCE (22 µg/l) and TCE (42 µg/l) were detected in the sample collected from MW-43D. The constituents detected in MW-31S are most likely attributable to the Pre-Envirite Waste Material (PEWM) located in close proximity to the well.

Statistical analysis will be performed for the four quarters of samples that have been collected in 2010, and the analysis will be compared to the RSRs in the 2010 Annual Report.

Metals

The results of analyses for total metals are summarized in Tables 1 and 2 for wells located in GB and GA areas, respectively. Metals were detected in all fifteen (15) samples collected. These metals included barium, cadmium, chromium, copper, iron, manganese, nickel, sodium, and zinc. Statistical analysis will be performed for the four quarters of samples that have been collected in 2010, and the analysis will be compared to the RSRs in the 2010 Annual Report.

Field Measurements and Indicator Parameters

The results of field measurements and indicator parameters are summarized in Tables 1 and 2 for wells located in GB and GA areas, respectively. In general, the concentration and distribution of the field measurements and indicator constituents for the remaining wells are consistent with historical analytical data from the site.

Surface Water Samples

The surface water samples (upstream and downstream of the landfill) were collected from Branch Brook, which is classified as a Class B/A waterbody, and is required to meet Class A Water Quality Standards. As shown in Table 3, no targeted VOCs were detected in either sample.

QA/QC Results

QA/QC samples consisted of a duplicate sample from monitoring well MW-42S, a Field Blank, an Equipment Blank (analyzed for parameters identical to the well samples), and a Trip Blank (analyzed for VOCs only). The analytical results obtained from the original and duplicate samples from monitoring well MW-42S correspond fairly well. No target analytes (VOCs) were detected in the Trip Blank (Table 4).

The Field Blank (created by transferring laboratory-supplied deionized water into sample containers) was reported with a low level of total organic halogens. The Field Blank was created while on the Site in the area of the MW-44 well cluster.

An Equipment Blank was created by passing laboratory-supplied deionized water through decontaminated and rinsed sampling tubing into sample containers. VOCs, metals, and the indicator parameters were not reported above the laboratory detection limit in the Equipment Blank. The equipment blank sample was created on the same area of the Site (near the MW-44 well cluster) as the Field Blank.

Statistical Data Analysis

Statistical analysis will be performed for the four quarters of data collected in 2010. The results will be summarized in the 2010 Annual Report.

GROUNDWATER FLOW DIRECTION

Groundwater monitoring measurements were made prior to purging the wells. Groundwater elevation data are summarized on Tables 1 and 2, and inferred groundwater contours are presented on Figure 1.

Xpert Design and Diagnostics, LLC (XDD) described a conceptual model of groundwater flow patterns at the Thomaston Site in a letter to Envirite dated September 29, 1999. The XDD model states that groundwater flow is influenced during winter and spring months by recharge from the Branch Brook, which borders the western side of the Site and the Naugatuck River, which runs parallel to the Eastern boundary. Recharge from Branch Brook causes a groundwater mound to form in the northeast corner of the Site. This results in an easterly flow of groundwater across the northern side of the Site. The XDD model further states that the easterly component of flow is mitigated by a similar groundwater mound caused by recharge from the Naugatuck River. As a result, groundwater flow changes from easterly to south-southeasterly as it approaches the Naugatuck River.

Based on interpretation of available data, the horizontal component of shallow groundwater flow is predominantly to the south with a hydraulic gradient of approximately 0.01 ft/ft. These observations are generally consistent with earlier data. In the past, downward vertical gradients between the shallow and deep overburden were consistently observed in the southwest corner of the site. Occasional downward gradients between the shallow and deep overburden in the central and southeastern portions of the site were observed in past sampling events. However an upward gradient was observed from MW-41D to MW-41S. The XDD Model suggests that vertical groundwater mixing between the deep and shallow overburden is probable. In most cases, this results in shallow groundwater mixing into deeper overburden groundwater within a period of thirty days or less.

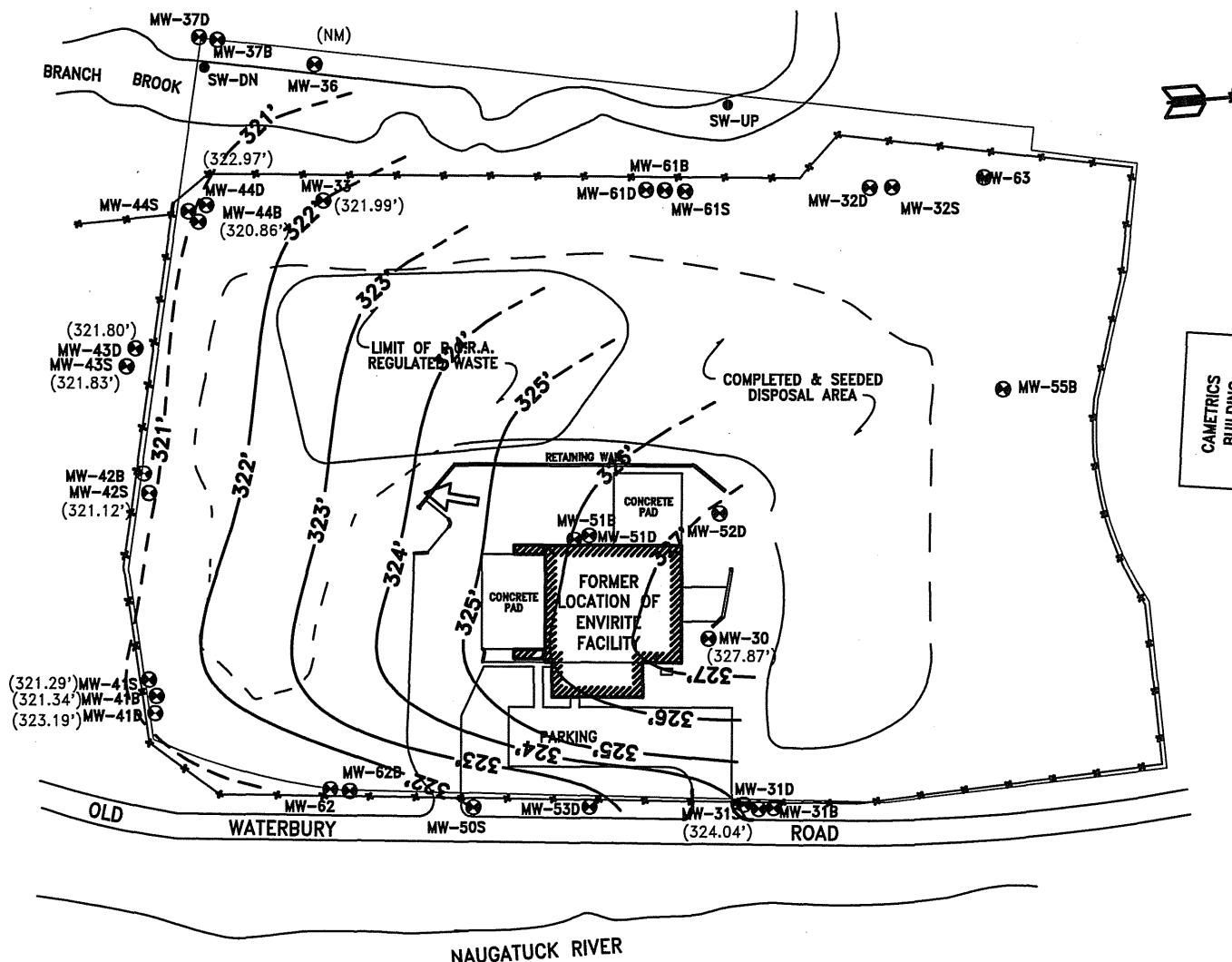
If you have any questions or comments on the information presented in this report, please call the undersigned at your convenience.

Sincerely,
Vanasse Hangen Brustlin, Inc.



Philip M. Rydel
Senior Environmental Scientist

cc: Bob Brackett, USEPA, Boston, MA
G. Stengel, Jr., Envirite Corporation
C. Snyder, ENVIRON International Corporation



Vanasse Hangen Brustlin, Inc.

2ND Q 2010 GROUNDWATER CONTOURS
ENVIRITE/THOMASTON LANDFILL
OLD WATERBURY ROAD
THOMASTON, CONNECTICUT

TABLE 1. SUMMARY OF ANALYTICAL RESULTS, GB WELLS
Thomaston, Connecticut
2010 Second Quarter

CTDEP CRITERIA (ug/L)					WELL Date	Reference Elevation	MW-30	MW-31S	MW-33	MW-41S	MW-41D	MW-41B	MW-42S	MW-42S (dup)	MW-43S	MW-43D	MW-44D	MW-44B
RVC	2 x RVC	IVC	2 x IVC	SWPC			6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10	6/28/10
ug/L	ug/L	ug/L	ug/L	ug/L		Field Parameters	Volatile Organic Compounds*											
						Depth to Water	17.87	16.26	18.50	13.12	12.07	13.92	19.31	19.31	18.60	18.85	17.36	18.42
						Water Level Elevation (feet)	323.84	324.04	321.99	321.29	323.19	321.34	321.12	321.12	321.83	321.80	322.97	320.86
						pH (standard units)	7.23	8.13	7.67	8.55	8.79	9.11	8.03	8.03	7.50	6.82	7.98	7.37
						Specific Conductance (µmhos/cm)	0	0	0	367	305.5	944	903.0	903.0	736	702	942	0.0
						Volatile Organic Compounds*												
6,500	13,000	16,000	32,000	62,000		1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.8	3.6	54	108	110		1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
220	440	2,900	5,800	1,260		1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,000	6,000	41,000	82,000	NE		1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
190	380	920	1,840	96		1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5,100	10,200	50,000	100,000	170,000		1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6.5	13	68	136	2,970		1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7.4	15	58	116	NE		1,2,2,3-Trichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4,300	8,600	50,000	100,000	26,000		1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,400	2,800	3,400	6,800	26,000		1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
360	720	4,800	9,600	NE		1,2,4-Trimethylbenzene	BDL	290	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
280	560	3,900	7,800	NE		1,3,5-Trimethylbenzene	BDL	93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,100	6,200	42,000	84,000	NE		Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	NE		4-Methyl-2-pentanone	BDL	64,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
50,000	100,000	50,000	100,000	NE		Acetone	BDL	11,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		Acrolein	BDL	NA	NA	NA	NA	NA						
NE	NE	NE	NE	20		Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
130	260	310	620	710		Benzene	BDL	160	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.3	5	73	146	NE		Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
75	150	2,300	4,600	10,800		Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5.3	11	14	28	132		Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,800	3,600	23,000	46,000	420,000		Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12,000	24,000	29,000	58,000	NE		Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26	52	62	124	14,100		cis-1,2-Dichloroethylene	29.0	5,800	BDL	22	74	69	18	8.7	6.4	78	45	23
NE	NE	NE	NE	NE		cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,700	5,400	36,000	72,000	580,000		Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,800	5,600	6,800	13,600	NE		Ethylbenzene	BDL	3,500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
160	320	2,200	4,400	48,000		Isopropylbenzene	BDL	100	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21,000	42,000	50,000	100,000	NE		Methyl ethyl ketone	BDL	26,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		Methyl t-butyl ether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		Naphthalene	BDL	68	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		n-Propylbenzene	BDL	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE		p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
						sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
						tert-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
340	680	810	1,620	88		Tetrachloroethylene	13	BDL	3.8	12	4.2	9.2	4.					

TABLE 2. SUMMARY OF ANALYTICAL RESULTS, GA WELL (MW-36)

Thomaston, Connecticut
2010 Second Quarter

GWPC	CTDEP CRITERIA (ug/L) ¹						Reference Elevation	WELL Date	MW-36 6/28/10			
	ug/L	2 x GWPC ug/L	RVC ug/L	2 x RVC ug/L	IVC ug/L	2 x IVC ug/L						
						Field Parameters						
						Depth to Water	NM					
						Water Level Elevation (feet)						
						pH (standard units)	9.80					
						Specific Conductance ($\mu\text{mhos}/\text{cm}$)	0					
						Volatile Organic Compounds*						
200	400	6,500	13,000	16,000	32,000	62,000	1,1,1-Trichloroethane	BDL				
0.5	1	1.8	3.6	54	108	110	1,1,2,2-Tetrachloroethane	BDL				
5	10	220	440	2,900	5,800	1,260	1,1,2-Trichloroethane	BDL				
70	140	3,000	6,000	41,000	82,000	NE	1,1-Dichloroethane	BDL				
7	14	190	380	920	1,840	96	1,1-Dichloroethene	BDL				
600	1,200	5,100	10,200	50,000	100,000	170,000	1,2-Dichlorobenzene	BDL				
1	2	6.5	13	68	136	2,970	1,2-Dichloroethane	BDL				
5	10	7.4	15	58	116	NE	1,2-Dichloropropane	BDL				
600	1,200	4,300	8,600	50,000	100,000	26,000	1,3-Dichlorobenzene	BDL				
75	150	1,400	2,800	3,400	6,800	26,000	1,4-Dichlorobenzene	BDL				
NE	NE	NE	NE	NE	NE	NE	2-Chloroethyl vinyl ether	NA				
NE	NE	NE	NE	NE	NE	NE	Acrolein	NA				
0.5	1	NE	NE	NE	NE	20	Acrylonitrile	BDL				
1	2	130	260	310	620	710	Benzene	BDL				
0.56	1	2.3	5	73	146	NE	Bromodichloromethane	BDL				
4	8	75	150	2,300	4,600	10,800	Bromoform	BDL				
9.8	20	NE	NE	NE	NE	NE	Bromomethane	BDL				
5	10	5.3	11	14	28	132	Carbon Tetrachloride	BDL				
100	200	1,800	3,600	23,000	46,000	420,000	Chlorobenzene	BDL				
NE	NE	12,000	24,000	29,000	58,000	NE	Chloroethane	BDL				
6	12	26	52	62	124	14,100	Chloroform	BDL				
2.7	5	NE	NE	NE	NE	NE	Chloromethane	BDL				
0.5	1	6	12	25	50	34,000	cis-1,3-Dichloropropene	BDL				
0.5	1	NE	NE	NE	NE	1,020	Dibromochloromethane	BDL				
700	1,400	2,700	5,400	36,000	72,000	580,000	Ethylbenzene	BDL				
5	10	160	320	2,200	4,400	48,000	Methylene Chloride	BDL				
5	10	340	680	810	1,620	88	Tetrachloroethylene	BDL				
1,000	2,000	7,100	14,200	41,000	82,000	4,000,000	Toluene	BDL				
100	200	1,000	2,000	13,000	26,000	NE	trans-1,2-Dichloroethene	BDL				
0.5	1	6	12	25	50	34,000	trans-1,3-Dichloropropene	BDL				
5	10	27	54	67	134	2,340	Trichloroethene	BDL				
1,300	2,600	NE	NE	NE	NE	NE	Trichlorofluoromethane	BDL				
2	4	1.6	3.2	52	104	15,750	Vinyl Chloride	BDL				
						Metals						
1,000	2,000	NE	NE	NE	NE	NE	Barium, Dissolved	46				
5	10	NE	NE	NE	NE	6	Cadmium, Dissolved	1				
50 (Cr total)	100	NE	NE	NE	NE	110 (Cr VI)	Chromium, Dissolved	BDL				
1,300	2,600	NE	NE	NE	NE	48	Copper, Dissolved	BDL				
NE	NE	NE	NE	NE	NE	NE	Iron, Dissolved	3				
NE	NE	NE	NE	NE	NE	NE	Manganese, Dissolved	BDL				
100	200	NE	NE	NE	NE	880	Nickel, Dissolved	2				
NE	NE	NE	NE	NE	NE	NE	Sodium, Dissolved	45,600				
5,000	10,000	NE	NE	NE	NE	123	Zinc, Dissolved	14				
						Indicator Parameters						
NE	NE	NE	NE	NE	NE	NE	Ammonia Nitrogen	BDL				
NE	NE	NE	NE	NE	NE	NE	Chloride, Water	76,000				
200	400	NE	NE	NE	NE	52	Cyanide, Water	BDL				
NE	NE	NE	NE	NE	NE	NE	Nitrate Nitrogen, Water	620				
NE	NE	NE	NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL				
NE	NE	NE	NE	NE	NE	NE	Phenols, Water	BDL				
NE	NE	NE	NE	NE	NE	NE	Sulfate, Water	33,000				
NE	NE	NE	NE	NE	NE	NE	Total Dissolved Solids, Water	200,000				
NE	NE	NE	NE	NE	NE	NE	Total Organic Carbon, Water	BDL				
NE	NE	NE	NE	NE	NE	NE	Total Organic Halogens, Water	BDL				
NE	NE	NE	NE	NE	NE	NE	Total Suspended Solids	BDL				

Notes:

- GWPS Ground Water Protection Standard
 IVC Industrial Volatization Criteria
 RVC Residential Volatization Criteria
 SWPC Surface Water Protection Criteria
 NE Not Established
 NS Not Sampled
 NM Not Measured
 BDL Below Detection Limit

* VOCs analyzed using Method 8260

TABLE 3. SUMMARY OF ANALYTICAL RESULTS, BRANCH BROOK (SURFACE WATER)¹

Thomaston, Connecticut
2010 Second Quarter

CTDEP Class A Surface Water Criteria ² Aquatic Life Criteria				Branch Brook Sample Date	SW-DN 6/28/10	SW-UP 6/28/10
Human Health Criteria				pH (standard units)	8.67	8.83
Consumption of Water and Organisms				Specific Conductance ($\mu\text{mhos}/\text{cm}$)	220.4	0.8
Acute ug/L	Chronic ug/L	ug/L	ug/L	Volatile Organic Compounds ³	ug/L	ug/L
NE	NE	NE	NE	1,1,1-Trichloroethane	BDL	BDL
NE	NE	11	0.17	1,1,2,2-Tetrachloroethane	BDL	BDL
NE	NE	42	0.6	1,1,2-Trichloroethane	BDL	BDL
NE	NE	NE	NE	1,1-Dichloroethane	BDL	BDL
NE	NE	3.2	0.057	1,1-Dichloroethene	BDL	BDL
NE	NE	17,000	2,700	1,2-Dichlorobenzene	BDL	BDL
NE	NE	99	0.38	1,2-Dichloroethane	BDL	BDL
NE	NE	39	0.52	1,2-Dichloropropane	BDL	BDL
NE	NE	2,600	400	1,3-Dichlorobenzene	BDL	BDL
NE	NE	2,600	400	1,4-Dichlorobenzene	BDL	BDL
NE	NE	NE	NE	2-Chloroethyl vinyl ether	NT	NT
NE	NE	780	320	Acrolein	NT	NT
NE	NE	0.66	0.059	Acrylonitrile	BDL	BDL
NE	NE	71	1.2	Benzene	BDL	BDL
NE	NE	46	0.56	Bromodichloromethane	BDL	BDL
NE	NE	360	4.3	Bromoform	BDL	BDL
NE	NE	NE	NE	Bromomethane	BDL	BDL
NE	NE	4.4	0.25	Carbon Tetrachloride	BDL	BDL
NE	NE	21,000	100	Chlorobenzene	BDL	BDL
NE	NE	NE	NE	Chloroethane	BDL	BDL
NE	NE	470	5.7	Chloroform	BDL	BDL
NE	NE	NE	NE	Chloromethane	BDL	BDL
NE	NE	1,700	10	cis-1,3-Dichloropropene	BDL	BDL
NE	NE	34	0.41	Dibromochloromethane	BDL	BDL
NE	NE	29,000	700	Ethylbenzene	BDL	BDL
NE	NE	1,600	4.7	Methylene Chloride	BDL	BDL
NE	NE	8.85	0.8	Tetrachloroethylene	BDL	BDL
NE	NE	200,000	1,000	Toluene	BDL	BDL
NE	NE	140,000	100	trans-1,2-Dichloroethene	BDL	BDL
NE	NE	1,700	10	trans-1,3-Dichloropropene	BDL	BDL
NE	NE	81	2.7	Trichloroethene	BDL	BDL
NE	NE	NE	NE	Trichlorofluoromethane	BDL	BDL
NE	NE	525	2	Vinyl Chloride	BDL	BDL
Metals						
NE	NE	NE	NE	Barium, Dissolved	18.0	11.0
2.02	1.35	10,769	5	Cadmium, Dissolved	BDL	BDL
16 (Cr VI)	11 (Cr VI)	2019 (Cr VI)	100 (Cr VI)	Chromium, Dissolved	BDL	BDL
14.3	4.8	NE	1,300	Copper, Dissolved ³	BDL	BDL
NE	NE	NE	NE	Iron, Dissolved	147	53
NE	NE	NE	NE	Manganese, Dissolved	38	17
260.5	28.9	4,600	610	Nickel, Dissolved	BDL	BDL
NE	NE	NE	NE	Sodium, Dissolved	20,100	16,500
65	65	68,740	9,100	Zinc, Dissolved	6.0	4.0
Indicator Parameters						
see footnote 4(a)	see footnote 4 (b,c)	NE	NE	Ammonia Nitrogen	50	BDL
NE	NE	NE	NE	Chloride, Water	35,000	27,000
22	5.2	220,000	200	Cyanide, Water	BDL	BDL
NE	NE	NE	NE	Nitrate Nitrogen, Water	290	190
NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL	BDL
NE	NE	NE	NE	Phenols, Water	BDL	BDL
NE	NE	NE	NE	Sulfate, Water	9,700	7,600
NE	NE	NE	NE	Total Dissolved Solids, Water	100,000	84,000
NE	NE	NE	NE	Total Organic Carbon, Water	1,800	1,200
NE	NE	NE	NE	Total Organic Halogens, Water	46	40
NE	NE	NE	NE	Total Suspended Solids	14,000	BDL

Notes:

CTDEP Connecticut Department of Environmental Protection
NE Not established
BDL Below Detection Limit

Footnotes:

¹ Samples were collected from Branch Brook, a Class B/A surface water and therefore is required to meet CTDEP Class A surface water quality standards (footnote 2).

² Class A Surface Waters are designated for: habitat for fish and other aquatic life and wildlife; potential drinking water supplies; recreation; navigation; and water supply for industry and agriculture (State of Connecticut Surface Water Quality Standards, Effective December 17, 2002)

³ Biological integrity is impaired when the ambient concentration exceeds the acute value on more than 5% of the year and the chronic value more than 50% of the year.

⁴ The criteria for ammonia (mg/L as N) vary in response to ambient surface water temperature (T, degrees C) and pH. Biological Integrity is considered impaired when:

a. The one-hour average concentration of total ammonia exceeds:

$$[0.275 / 1 + 10^{(7.204 - \text{pH})}] + [39 / (1 + 10^{(\text{pH} - 7.204)})]$$

- or -

$$[0.411 / 1 + 10^{(7.204 - \text{pH})}] + [58.4 / (1 + 10^{(\text{pH} - 7.204)})]$$

b. The four-day average concentration of total ammonia exceeds 2.5 times the value obtained from the formula (c) below.

c. The 30-day average concentration of total ammonia exceeds:

$$[0.0577 / 1 + 10^{(7.568 - \text{pH})}] + [2.487 / 1 + 10^{(\text{pH} - 7.569)}] \times [\text{MIN}(2.85, 1.45 \cdot 10^{0.028(25 - T)})]$$

- or -

$$[0.0577 / 1 + 10^{(7.568 - \text{pH})}] + [2.487 / 1 + 10^{(\text{pH} - 7.569)}] \times [1.45 \cdot 10^{0.028(25 - \text{MAX}(7, T))}]$$

d. VOCs analyzed using Method 8260

TABLE 4. SUMMARY OF ANALYTICAL RESULTS, QA/QC SAMPLES

Thomaston, Connecticut
2010 Second Quarter

Sample Description Date	Equipment Blank 6/28/10	Field Blank 6/28/10	Trip Blank 6/28/10
Volatile Organic Compounds*	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL
1,1,2-Trichloroethane	BDL	BDL	BDL
1,1-Dichloroethane	BDL	BDL	BDL
1,1-Dichloroethene	BDL	BDL	BDL
1,2-Dichlorobenzene	BDL	BDL	BDL
1,2-Dichloroethane	BDL	BDL	BDL
1,2-Dichloropropane	BDL	BDL	BDL
1,3-Dichlorobenzene	BDL	BDL	BDL
1,4-Dichlorobenzene	BDL	BDL	BDL
2-Chloroethyl vinyl ether	NT	NT	NT
Acrolein	NT	NT	NT
Acrylonitrile	BDL	BDL	BDL
Benzene	BDL	BDL	BDL
Bromodichloromethane	BDL	BDL	BDL
Bromoform	BDL	BDL	BDL
Bromomethane	BDL	BDL	BDL
Carbon Tetrachloride	BDL	BDL	BDL
Chlorobenzene	BDL	BDL	BDL
Chloroethane	BDL	BDL	BDL
Chloroform	BDL	BDL	BDL
Chloromethane	BDL	BDL	BDL
cis-1,3-Dichloropropene	BDL	BDL	BDL
Dibromochloromethane	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Methylene Chloride	BDL	BDL	BDL
Tetrachloroethylene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
trans-1,2-Dichloroethene	BDL	BDL	BDL
trans-1,3-Dichloropropene	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
Trichlorofluoromethane	BDL	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Metals			
Barium, Dissolved	BDL	BDL	NT
Cadmium, Dissolved	BDL	BDL	NT
Chromium, Dissolved	BDL	BDL	NT
Copper, Dissolved	BDL	BDL	NT
Iron, Dissolved	BDL	BDL	NT
Manganese, Dissolved	BDL	BDL	NT
Nickel, Dissolved	BDL	BDL	NT
Sodium, Dissolved	BDL	BDL	NT
Zinc, Dissolved	BDL	BDL	NT
Indicator Parameters			
Ammonia Nitrogen	BDL	BDL	NT
Chloride, Water	BDL	BDL	NT
Cyanide, Water	BDL	BDL	NT
Nitrate Nitrogen, Water	BDL	BDL	NT
Nitrite Nitrogen, Water	BDL	BDL	NT
Phenols, Water	BDL	BDL	NT
Sulfate, Water	BDL	BDL	NT
Total Dissolved Solids, Water	BDL	BDL	NT
Total Organic Carbon, Water	BDL	BDL	NT
Total Organic Halogens, Water	BDL	11	NT
Total Suspended Solids	BDL	BDL	NT

Notes:

BDL Below Detection Limit

NT Not Tested

* VOCs analyzed using Method 8260



Wednesday, July 14, 2010

**Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847**

**Project ID: ENVIRITE LF/THOMASTON
Sample ID#s: AZ18949 - AZ18966**

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller".

**Phyllis Shiller
Laboratory Director**

**NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301**



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

12:16

06/29/10

16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18949

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.039	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	9.69	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.012	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	5.6	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	231	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	3:37	B/E	300.0
Nitrate as Nitrogen	3.8	0.05	mg/L	06/30/10	3:37	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.92	0.10	pH	06/30/10	2:17	BS/EG	4500-H B/9040
Sulfate	14	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	140	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	06/30/10		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.033	0.010	mg/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	29	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	13	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	17	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	107		%	07/02/10		H/J	SW8260
% Toluene-d8	106		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

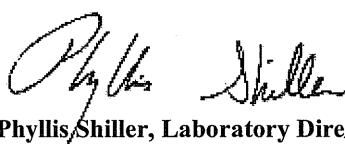
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
 Vanasse Hangen Brustlin, Inc.
 54 Tuttle Place
 Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
 Location Code: VHB
 Rush Request:
 P.O.:#:

Custody Information

Collected by: PMR
 Received by: LB
 Analyzed by: see "By" below

Date

Time

06/28/10 12:42
 06/29/10 16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18950

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.069	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	0.069	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	62.8	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	9.46	0.011	mg/L	07/08/10		LK	6010/200.7
Sodium (Dissolved)	55.5	1.1	mg/L	07/08/10		LK	6010/200.7
Nickel (Dissolved)	0.049	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.602	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	220	75	mg/L	07/02/10		B/E	300.0
Conductivity	2090	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	53	0.2	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	3:46	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	06/30/10	3:46	B/E	300.0/9056
Phenolics	2.1	0.15	mg/L	07/01/10		MF/GD	E420.4
pH	6.37	0.10	pH	06/30/10	2:20	BS/EG	4500-H B/9040
Sulfate	5.2	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	1600	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	710	20	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	220	22	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.65	0.010	mg/L	07/07/10		*	SW9020
<hr/>							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	06/30/10		R/J	SW8260
1,1,1-Trichloroethane	ND	20	ug/L	06/30/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	10	ug/L	06/30/10		R/J	SW8260
1,1,2-Trichloroethane	ND	20	ug/L	06/30/10		R/J	SW8260
1,1-Dichloroethane	ND	20	ug/L	06/30/10		R/J	SW8260
1,1-Dichloroethene	ND	20	ug/L	06/30/10		R/J	SW8260
1,1-Dichloropropene	ND	20	ug/L	06/30/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
1,2,3-Trichloropropane	ND	20	ug/L	06/30/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
1,2,4-Trimethylbenzene	290	20	ug/L	06/30/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	20	ug/L	06/30/10		R/J	SW8260
1,2-Dichlorobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
1,2-Dichloroethane	ND	20	ug/L	06/30/10		R/J	SW8260
1,2-Dichloropropane	ND	20	ug/L	06/30/10		R/J	SW8260
1,3,5-Trimethylbenzene	93	20	ug/L	06/30/10		R/J	SW8260
1,3-Dichlorobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
1,3-Dichloropropane	ND	20	ug/L	06/30/10		R/J	SW8260
1,4-Dichlorobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
2,2-Dichloropropane	ND	20	ug/L	06/30/10		R/J	SW8260
2-Chlorotoluene	ND	20	ug/L	06/30/10		R/J	SW8260
2-Hexanone	ND	100	ug/L	06/30/10		R/J	SW8260
2-Isopropyltoluene	ND	20	ug/L	06/30/10		R/J	SW8260
4-Chlorotoluene	ND	20	ug/L	06/30/10		R/J	SW8260
4-Methyl-2-pentanone	64000	4000	ug/L	06/30/10		R/J	SW8260
Acetone	11000	10000	ug/L	06/30/10		R/J	SW8260
Acrylonitrile	ND	100	ug/L	06/30/10		R/J	SW8260
Benzene	160	20	ug/L	06/30/10		R/J	SW8260
Bromobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
Bromochloromethane	ND	20	ug/L	06/30/10		R/J	SW8260
Bromodichloromethane	ND	10	ug/L	06/30/10		R/J	SW8260
Bromoform	ND	20	ug/L	06/30/10		R/J	SW8260
Bromomethane	ND	20	ug/L	06/30/10		R/J	SW8260
Carbon Disulfide	ND	100	ug/L	06/30/10		R/J	SW8260
Carbon tetrachloride	ND	20	ug/L	06/30/10		R/J	SW8260
Chlorobenzene	ND	20	ug/L	06/30/10		R/J	SW8260
Chloroethane	ND	20	ug/L	06/30/10		R/J	SW8260
Chloroform	ND	20	ug/L	06/30/10		R/J	SW8260
Chloromethane	ND	20	ug/L	06/30/10		R/J	SW8260
cis-1,2-Dichloroethene	5800	200	ug/L	06/30/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	10	ug/L	06/30/10		R/J	SW8260
Dibromochloromethane	ND	10	ug/L	06/30/10		R/J	SW8260
Dibromoethane	ND	20	ug/L	06/30/10		R/J	SW8260
Dibromomethane	ND	20	ug/L	06/30/10		R/J	SW8260
Dichlorodifluoromethane	ND	20	ug/L	06/30/10		R/J	SW8260
Ethylbenzene	3500	200	ug/L	06/30/10		R/J	SW8260
Hexachlorobutadiene	ND	8.0	ug/L	06/30/10		R/J	SW8260
Isopropylbenzene	100	20	ug/L	06/30/10		R/J	SW8260
m&p-Xylene	6600	200	ug/L	06/30/10		R/J	SW8260
Methyl ethyl ketone	26000	2000	ug/L	06/30/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	06/30/10		R/J	SW8260
Methylene chloride	ND	20	ug/L	06/30/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-31S

Phoenix I.D.: AZ18950

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	68	20	ug/L	06/30/10		R/J	SW8260
n-Butylbenzene	ND	20	ug/L	06/30/10		R/J	SW8260
n-Propylbenzene	40	20	ug/L	06/30/10		R/J	SW8260
o-Xylene	3300	200	ug/L	06/30/10		R/J	SW8260
p-Isopropyltoluene	ND	20	ug/L	06/30/10		R/J	SW8260
sec-Butylbenzene	ND	20	ug/L	06/30/10		R/J	SW8260
Styrene	ND	20	ug/L	06/30/10		R/J	SW8260
tert-Butylbenzene	ND	20	ug/L	06/30/10		R/J	SW8260
Tetrachloroethene	ND	20	ug/L	06/30/10		R/J	SW8260
Tetrahydrofuran (THF)	890	100	ug/L	06/30/10		R/J	SW8260
Toluene	16000	4000	ug/L	06/30/10		R/J	SW8260
Total Xylenes	9900	20	ug/L	06/30/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	20	ug/L	06/30/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	10	ug/L	06/30/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	100	ug/L	06/30/10		R/J	SW8260
Trichloroethene	ND	20	ug/L	06/30/10		R/J	SW8260
Trichlorofluoromethane	ND	20	ug/L	06/30/10		R/J	SW8260
Trichlorotrifluoroethane	ND	20	ug/L	06/30/10		R/J	SW8260
Vinyl chloride	360	20	ug/L	06/30/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	06/30/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/30/10		R/J	SW8260
% Dibromofluoromethane	93		%	06/30/10		R/J	SW8260
% Toluene-d8	95		%	06/30/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

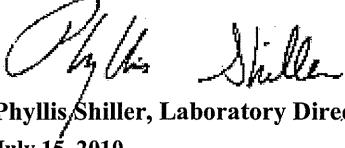
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
Location Code: VHB
Rush Request:
P.O.:#:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date 06/28/10 12:00

Time 16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18951

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.047	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.005	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	26.6	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	88	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	514	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	4:40	B/E	300.0
Nitrate as Nitrogen	7.9	0.25	mg/L	07/02/10	1:15	B/E	300.0/9056
Phenolics	0.032	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.78	0.10	pH	06/30/10	2:24	BS/EG	4500-H B/9040
Sulfate	44	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	310	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	23	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.015	0.010	ug/L	07/07/10	*		SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: MW-33

Phoenix I.D.: AZ18951

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-33

Phoenix I.D.: AZ18951

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	94		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	97		%	07/02/10		H/J	SW8260
% Toluene-d8	103		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

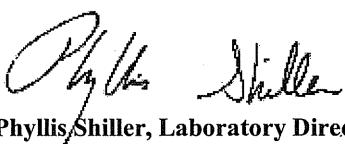
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
 Vanasse Hangen Brustlin, Inc.
 54 Tuttle Place
 Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

13:15

06/29/10

16:40

SDG ID: GAZ18949

Phoenix ID: AZ18952

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-36

Laboratory Data

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.046	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.003	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	45.6	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	0.002	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.014	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	76	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	368	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	4:50	B/E	300.0
Nitrate as Nitrogen	0.62	0.05	mg/L	06/30/10	4:50	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.60	0.10	pH	06/30/10	2:27	BS/EG	4500-H B/9040
Sulfate	33	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	200	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	<0.010	0.010	mg/L	07/07/10		*	SW9020
<hr/>							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Phoenix I.D.: AZ18952

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	106		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	94		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	98		%	07/02/10		R/J	SW8260
% Toluene-d8	103		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

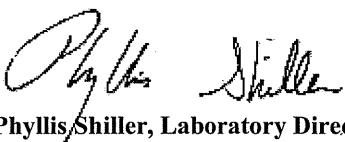
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

9:40

06/29/10

16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18953

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.076	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	0.013	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.023	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.016	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	32.6	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.059	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	67	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	426	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	0.05	0.04	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	4:59	B/E	300.0
Nitrate as Nitrogen	4.0	0.05	mg/L	06/30/10	4:59	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.48	0.10	pH	06/30/10	2:35	BS/EG	4500-H B/9040
Sulfate	58	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	240	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	3.3	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	320	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.032	0.010	mg/L	07/07/10	*		SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	22	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	3.8	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	7.4	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	96		%	07/02/10		R/J	SW8260
% Toluene-d8	102		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

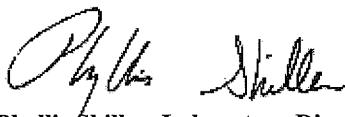
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

9:28

06/29/10

16:40

SDG ID: GAZ18949

Phoenix ID: AZ18954

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-41D

Laboratory Data

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.071	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.021	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	1.14	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	48.2	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.008	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	94	6.0	mg/L	07/02/10		B/E	300.0
Conductivity	695	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	5:08	B/E	300.0
Nitrate as Nitrogen	7.9	0.10	mg/L	07/02/10	1:24	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.63	0.10	pH	06/30/10	2:39	BS/EG	4500-H B/9040
Sulfate	120	6.0	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	390	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	150	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.076	0.010	ug/L	07/07/10	*		SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: MW-41D

Phoenix I.D.: AZ18954

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	74	5.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41D

Phoenix I.D.: AZ18954

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	12	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	23	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	101		%	07/02/10		R/J	SW8260
% Toluene-d8	101		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

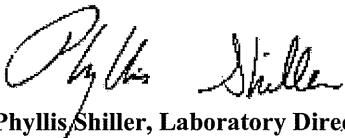
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

9:18

06/29/10

16:40

SDG ID: GAZ18949

Phoenix ID: AZ18955

Laboratory Data

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.053	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.003	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.004	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	41.7	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	0.004	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.011	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	120	15	mg/L	07/02/10		B/E	300.0
Conductivity	1220	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	5:17	B/E	300.0
Nitrate as Nitrogen	19	0.25	mg/L	07/02/10	1:33	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	7.43	0.10	pH	06/30/10	2:42	BS/EG	4500-H B/9040
Sulfate	320	15	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	880	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	12	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.10	0.010	ug/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: MW-41B

Phoenix I.D.: AZ18955

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	69	20	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	4.2	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	21	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	96		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	111		%	07/02/10		H/J	SW8260
% Toluene-d8	107		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

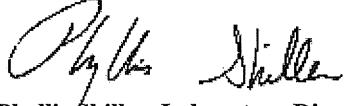
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
 * TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
 July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
Location Code: VHB
Rush Request:
P.O.:#:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date 06/28/10 Time 10:00

Date 06/29/10 Time 16:40

SDG ID: GAZ18949

Phoenix ID: AZ18956

Laboratory Data

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.102	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	0.029	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.005	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.003	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	77.8	1.1	mg/L	07/08/10		LK	6010/200.7
Nickel (Dissolved)	0.056	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.151	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	110	15	mg/L	07/02/10		B/E	300.0
Conductivity	864	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	5:26	B/E	300.0
Nitrate as Nitrogen	15	0.25	mg/L	07/02/10	1:43	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.77	0.10	pH	06/30/10	2:46	BS/EG	4500-H B/9040
Sulfate	130	15	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	490	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.4	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	61	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.040	0.010	mg/L	07/07/10	*		SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	18	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S

Phoenix I.D.: AZ18956

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	9.2	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	13	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	96		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	104		%	07/02/10		H/J	SW8260
% Toluene-d8	105		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

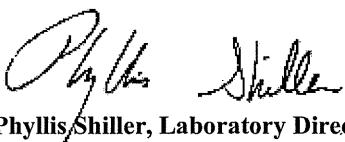
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

10:00

06/28/10

16:40

06/29/10

16:40

SDG ID: GAZ18949

Phoenix ID: AZ18957

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-42S DUP

Laboratory Data

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.080	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	0.014	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.022	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.004	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	63.7	1.1	mg/L	07/08/10		LK	6010/200.7
Nickel (Dissolved)	0.035	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.100	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	110	15	mg/L	07/02/10		B/E	300.0
Conductivity	918	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	5:35	B/E	300.0
Nitrate as Nitrogen	16	0.25	mg/L	07/02/10	1:52	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.76	0.10	pH	06/30/10	2:50	BS/EG	4500-H B/9040
Sulfate	140	15	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	530	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.6	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	88	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.035	0.010	mg/L	07/07/10	*		SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: MW-42S DUP

Phoenix I.D.: AZ18957

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	8.7	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S DUP

Phoenix I.D.: AZ18957

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	4.6	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	5.8	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	96		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	96		%	07/02/10		R/J	SW8260
% Toluene-d8	102		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

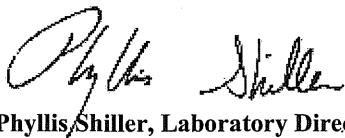
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
Location Code: VHB
Rush Request:
P.O.:#:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date

Time

06/28/10 10:30
06/29/10 16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18958

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.040	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	0.021	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.010	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.098	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	232	1.1	mg/L	07/08/10		LK	6010/200.7
Nickel (Dissolved)	0.021	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.043	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	390	30	mg/L	07/02/10		B/E	300.0
Conductivity	2300	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	300	0.01	mg/L	06/30/10	5:44	B/E	300.0
Nitrate as Nitrogen	90	0.50	mg/L	07/02/10	2:01	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.36	0.10	pH	06/30/10	2:53	BS/EG	4500-H B/9040
Sulfate	230	30	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	1400	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.9	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	130	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.034	0.010	ug/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	6.4	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43S

Phoenix I.D.: AZ18958

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	6.2	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	5.0	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	94		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	99		%	07/02/10		H/J	SW8260
% Toluene-d8	102		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

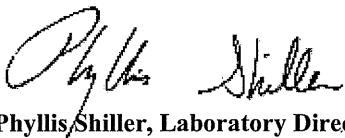
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
Location Code: VHB
Rush Request:
P.O.:#:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date

Time

06/28/10 11:00

06/29/10 16:40

SDG ID: GAZ18949

Phoenix ID: AZ18959

Laboratory Data

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.018	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	0.475	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.005	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.930	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	173	1.1	mg/L	07/08/10		LK	6010/200.7
Nickel (Dissolved)	0.118	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.407	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	310	30	mg/L	07/02/10		B/E	300.0
Conductivity	2030	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	2.1	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	250	0.01	mg/L	06/30/10	5:53	B/E	300.0
Nitrate as Nitrogen	47	0.50	mg/L	07/02/10	2:10	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	5.70	0.10	pH	06/30/10	2:56	BS/EG	4500-H B/9040
Sulfate	320	30	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	1300	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.2	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	17	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.086	0.010	ug/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: MW-43D

Phoenix I.D.: AZ18959

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	78	5.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	22	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	42	5.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	4.8	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	97		%	07/02/10		R/J	SW8260
% Toluene-d8	102		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

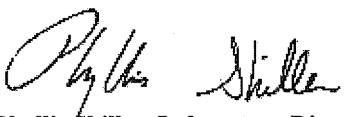
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
Location Code: VHB
Rush Request:
P.O.:#:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date

Time

06/28/10 11:15
06/29/10 16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18960

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-44D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.048	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	0.005	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.082	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	96.4	1.1	mg/L	07/08/10		LK	6010/200.7
Nickel (Dissolved)	0.010	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.039	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	270	30	mg/L	07/02/10		B/E	300.0
Conductivity	1750	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	0.86	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	210	0.01	mg/L	06/30/10	6:02	B/E	300.0
Nitrate as Nitrogen	37	0.50	mg/L	07/02/10	2:19	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.63	0.10	pH	06/30/10	2:59	BS/EG	4500-H B/9040
Sulfate	250	30	mg/L	07/02/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	1100	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	5.5	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.044	0.010	ug/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	45	5.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Phoenix I.D.: AZ18960

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	15	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	30	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	3.3	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	96		%	07/02/10		R/J	SW8260
% Toluene-d8	102		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

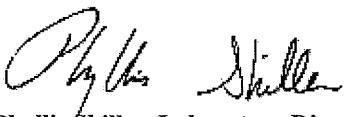
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER
Location Code: VHB
Rush Request:
P.O. #:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date

Time

06/28/10 11:40
06/29/10 16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18961

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-44B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.020	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.390	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	86.2	1.1	mg/L	07/09/10		LK	6010/200.7
Nickel (Dissolved)	0.024	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.065	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	140	15	mg/L	07/02/10		B/E	300.0
Conductivity	910	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	6:21	B/E	300.0
Nitrate as Nitrogen	14	0.25	mg/L	07/02/10	2:37	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	6.90	0.10	pH	06/30/10	3:02	BS/EG	4500-H B/9040
Sulfate	90	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	510	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.044	0.010	ug/L	07/07/10	*		SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	23	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	6.8	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	18	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	96		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	105		%	07/02/10		H/J	SW8260
% Toluene-d8	106		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

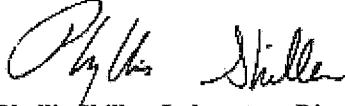
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
 * TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
 July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

12:15

06/29/10

16:40

SDG ID: GAZ18949

Phoenix ID: AZ18962

Project ID: ENVIRITE LF/THOMASTON

Client ID: FIELD BLANK

Laboratory Data

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	< 0.11	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	< 3.0	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	< 5	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	6:30	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	06/30/10	6:30	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	5.51	0.10	pH	06/30/10	3:06	BS/EG	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	< 10	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	07/01/10		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.011	0.010	mg/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK

Phoenix I.D.: AZ18962

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	96		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	97		%	07/02/10		R/J	SW8260
% Toluene-d8	103		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

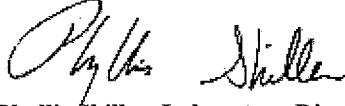
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.


Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

Time

06/28/10

12:30

06/29/10

16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18963

Project ID: ENVIRITE LF/THOMASTON

Client ID: EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	< 0.11	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	< 0.002	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	< 3.0	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	< 5	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	6:39	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	06/30/10	6:39	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	5.45	0.10	pH	06/30/10	3:14	BS/EG	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	< 10	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	07/02/10		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	<0.010	0.010	ug/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: EQUIPMENT BLANK

Phoenix I.D.: AZ18963

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Phoenix I.D.: AZ18963

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	106		%	07/02/10		H/J	SW8260
% Toluene-d8	106		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

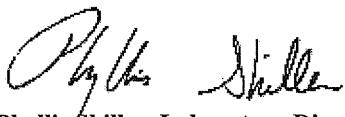
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: GROUND WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

06/28/10 0:00

06/29/10 16:40

Time

SDG ID: GAZ18949

Phoenix ID: AZ18964

Project ID: ENVIRITE LF/THOMASTON

Client ID: TRIP BLANK

Laboratory Data

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/01/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/01/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/01/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/01/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/01/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/01/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/01/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/01/10		R/J	SW8260
Acetone	ND	25	ug/L	07/01/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	07/01/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/01/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/01/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/01/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/01/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/01/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/01/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/01/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/01/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/01/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/01/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/01/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/01/10		R/J	SW8260
Naphthalene	ND	1.0	ug/L	07/01/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/01/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/01/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/01/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/01/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/01/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/01/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/01/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/01/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/01/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/01/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/01/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	07/01/10		R/J	SW8260
% Bromofluorobenzene	95		%	07/01/10		R/J	SW8260
% Dibromofluoromethane	92		%	07/01/10		R/J	SW8260
% Toluene-d8	102		%	07/01/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: TRIP BLANK

Phoenix I.D.: AZ18964

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

July 15, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
Vanassee Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information

Matrix: SURFACE WATER
Location Code: VHB
Rush Request:
P.O. #:

Custody Information

Collected by: PMR
Received by: LB
Analyzed by: see "By" below

Date

Time

06/28/10 13:20
06/29/10 16:40

Laboratory Data

SDG ID: GAZ18949

Phoenix ID: AZ18965

Project ID: ENVIRITE LF/THOMASTON

Client ID: SW UP STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.011	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.053	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.017	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	16.5	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.004	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	27	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	157	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	6:48	B/E	300.0
Nitrate as Nitrogen	0.19	0.05	mg/L	06/30/10	6:48	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	7.25	0.10	pH	06/30/10	3:17	BS/EG	4500-H B/9040
Sulfate	7.6	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	84	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.2	1.0	mg/L	07/02/10		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.040	0.010	mg/L	07/07/10		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: SW UP STREAM

Phoenix I.D.: AZ18965

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Acetone	ND	25	ug/L	07/02/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		R/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		R/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	07/02/10		R/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		R/J	SW8260
% Dibromofluoromethane	95		%	07/02/10		R/J	SW8260
% Toluene-d8	103		%	07/02/10		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

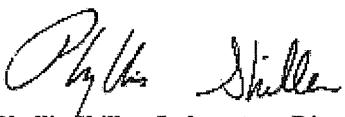
Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
 * TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
 July 15, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 14, 2010

FOR: Attn: Mr. Phil Rydel
 Vanasse Hangen Brustlin, Inc.
 54 Tuttle Place
 Middletown, CT 06457-1847

Sample Information

Matrix: SURFACE WATER

Location Code: VHB

Rush Request:

P.O. #:

Custody Information

Collected by: PMR

Received by: LB

Analyzed by: see "By" below

Date

13:00

06/28/10

16:40

06/29/10

SDG ID: GAZ18949

Phoenix ID: AZ18966

Project ID: ENVIRITE LF/THOMASTON

Client ID: SW-DOWN STREAM

Laboratory Data

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.018	0.002	mg/L	07/02/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Iron (Dissolved)	0.147	0.002	mg/L	07/02/10		TH	6010/200.7
Manganese (Dissolved)	0.038	0.001	mg/L	07/02/10		TH	6010/200.7
Sodium (Dissolved)	20.1	0.11	mg/L	07/02/10		TH	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	07/02/10		TH	6010/200.7
Zinc (Dissolved)	0.006	0.002	mg/L	07/02/10		TH	6010/200.7
Chloride	35	3.0	mg/L	06/30/10		B/E	300.0
Conductivity	192	5	umhos/cm	06/30/10		BS/EG	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	07/01/10		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/30/10	6:57	B/E	300.0
Nitrate as Nitrogen	0.29	0.05	mg/L	06/30/10	6:57	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	07/01/10		MF/GD	E420.4
pH	7.09	0.10	pH	06/30/10	3:21	BS/EG	4500-H B/9040
Sulfate	9.7	3.0	mg/L	06/30/10		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	07/01/10		GD	335.4/9010
Tot. Diss. Solids	100	10	mg/L	06/30/10		CL/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	07/02/10		JL	SM 5310B
Total Suspended Solids	14	5.0	mg/L	06/30/10		CL/KDB	SM2540D
Filtration	Completed			06/29/10		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/29/10		AG	SW846-3005
Tot. Org. Halogens	0.046	0.010	ug/L	07/07/10	*		SW9020
Volatiles							1
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
 Client ID: SW-DOWN STREAM

Phoenix I.D.: AZ18966

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Acetone	ND	25	ug/L	07/02/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	07/02/10		H/J	SW8260
Benzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	07/02/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	07/02/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	07/02/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	07/02/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	07/02/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	07/02/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW-DOWN STREAM

Phoenix I.D.: AZ18966

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	07/02/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Styrene	ND	1.0	ug/L	07/02/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	07/02/10		H/J	SW8260
Toluene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	07/02/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	07/02/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	07/02/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	07/02/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	07/02/10		H/J	SW8260
% Bromofluorobenzene	95		%	07/02/10		H/J	SW8260
% Dibromofluoromethane	106		%	07/02/10		H/J	SW8260
% Toluene-d8	108		%	07/02/10		H/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

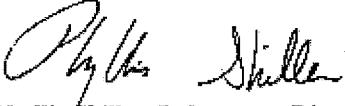
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* TOX analyzed by CT certified lab #PH-0520.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
July 15, 2010

**Environmental Laboratories, Inc.**

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102

Fax (860) 645-0823

QA/QC Report

July 15, 2010

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 156043, QC Sample No: AZ17957 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
ICP Metals - Dissolved								
Barium	BDL	1.80	96.8	98.8	2.0	89.5	89.7	0.2
Cadmium	BDL	NC	103	105	1.9	95.6	95.1	0.5
Chromium	BDL	NC	100	102	2.0	93.5	94.0	0.5
Copper	BDL	NC	101	102	1.0	95.2	95.6	0.4
Iron	BDL	2.00	97.6	98.2	0.6	87.9	88.7	0.9
Manganese	BDL	1.00	104	105	1.0	95.8	95.7	0.1
Nickel	BDL	NC	102	103	1.0	94.6	94.9	0.3
Sodium	BDL	1.40	91.7	92.0	0.3	NC	NC	NC
Zinc	BDL	NC	102	103	1.0	94.4	94.8	0.4



Environmental Laboratories, Inc.

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QA/QC Report

July 15, 2010

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 156137, QC Sample No: AZ18690 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Tot. Diss. Solids	BDL	1.00	107					
QA/QC Batch 156228, QC Sample No: AZ18706 (AZ18949, AZ18950)								
Bromide	BDL		96.5			97.6		
QA/QC Batch 156229, QC Sample No: AZ18706 (AZ18949, AZ18950)								
Chloride	BDL	NC	92.8			94.9		
QA/QC Batch 156231, QC Sample No: AZ18706 (AZ18949, AZ18950)								
Nitrate as Nitrogen	BDL	NC	93.0			96.9		
QA/QC Batch 156230, QC Sample No: AZ18706 (AZ18949, AZ18950)								
Nitrite as Nitrogen	BDL	NC	94.1			98.6		
QA/QC Batch 156232, QC Sample No: AZ18706 (AZ18949, AZ18950)								
Sulfate	BDL	NC	93.9			97.8		
QA/QC Batch 156138, QC Sample No: AZ18948 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Total Suspended Solids	BDL	NC	93.0					
QA/QC Batch 156191, QC Sample No: AZ18949 (AZ18949)								
Alkalinity-CaCO ₃	BDL	NC	99.2					
QA/QC Batch 156196, QC Sample No: AZ18949 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Conductivity	BDL	1.70	103					
QA/QC Batch 156501, QC Sample No: AZ18949 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Phenolics	BDL	NC	93.2			92.0		
QA/QC Batch 156289, QC Sample No: AZ18949 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Total Cyanide	BDL	NC	112			111		
QA/QC Batch 156162, QC Sample No: AZ18951 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Ammonia as Nitrogen	BDL		97.6			106		
QA/QC Batch 156227, QC Sample No: AZ18960 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962)								
Total Organic Carbon	BDL	NC	99.0			85.0		
QA/QC Batch 156233, QC Sample No: AZ18965 (AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Bromide	BDL		95.7			98.3		
QA/QC Batch 156234, QC Sample No: AZ18965 (AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Chloride	BDL	0	90.7			96.7		
QA/QC Batch 156237, QC Sample No: AZ18965 (AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)								
Sulfate	BDL	NC	91.7			95.9		

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 156419, QC Sample No: AZ18966 (AZ18963, AZ18965, AZ18966)								
Total Organic Carbon	BDL	NC	95.0			107		
QA/QC Batch 156445, QC Sample No: AZ19697 (AZ18950, AZ18951, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960)								
Bromide	BDL		98.5			99.5		
QA/QC Batch 156446, QC Sample No: AZ19697 (AZ18950, AZ18951, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960)								
Chloride	BDL	0	94.1			96.3		
QA/QC Batch 156448, QC Sample No: AZ19697 (AZ18950, AZ18951, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960)								
Nitrate as Nitrogen	BDL	8.00	101			95.7		
QA/QC Batch 156447, QC Sample No: AZ19697 (AZ18950, AZ18951, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960)								
Nitrite as Nitrogen	BDL	NC	95.5			101		
QA/QC Batch 156449, QC Sample No: AZ19697 (AZ18950, AZ18951, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960)								
Sulfate	BDL	NC	96.5			101		



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QA/QC Report

July 15, 2010

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 156365, QC Sample No: AZ18722 (AZ18950)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	90	94	4.3	89	95	6.5
1,1,1-Trichloroethane	ND	99	107	7.8	102	98	4.0
1,1,2,2-Tetrachloroethane	ND	105	102	2.9	99	103	4.0
1,1,2-Trichloroethane	ND	103	100	3.0	98	105	6.9
1,1-Dichloroethane	ND	105	111	5.6	113	124	9.3
1,1-Dichloroethene	ND	86	93	7.8	110	116	5.3
1,1-Dichloropropene	ND	92	97	5.3	96	98	2.1
1,2,3-Trichlorobenzene	ND	107	102	4.8	77	89	14.5
1,2,3-Trichloropropane	ND	108	106	1.9	101	107	5.8
1,2,4-Trichlorobenzene	ND	97	96	1.0	83	91	9.2
1,2,4-Trimethylbenzene	ND	95	100	5.1	97	102	5.0
1,2-Dibromo-3-chloropropane	ND	90	86	4.5	75	79	5.2
1,2-Dichlorobenzene	ND	96	96	0.0	94	100	6.2
1,2-Dichloroethane	ND	107	106	0.9	104	111	6.5
1,2-Dichloropropane	ND	99	101	2.0	98	105	6.9
1,3,5-Trimethylbenzene	ND	94	99	5.2	98	103	5.0
1,3-Dichlorobenzene	ND	92	97	5.3	94	99	5.2
1,3-Dichloropropane	ND	101	100	1.0	98	104	5.9
1,4-Dichlorobenzene	ND	93	96	3.2	94	99	5.2
2,2-Dichloropropane	ND	112	117	4.4	110	101	8.5
2-Chlorotoluene	ND	92	98	6.3	94	99	5.2
2-Hexanone	ND	95	93	2.1	85	88	3.5
2-Isopropyltoluene	ND	97	101	4.0	98	101	3.0
4-Chlorotoluene	ND	92	98	6.3	94	99	5.2
4-Methyl-2-pentanone	ND	107	100	6.8	97	100	3.0
Acetone	ND	135	130	3.8	131	130	0.8
Acrylonitrile	ND	112	107	4.6	107	114	6.3
Benzene	ND	96	100	4.1	99	105	5.9
Bromobenzene	ND	92	95	3.2	93	99	6.3
Bromochloromethane	ND	106	107	0.9	110	123	11.2
Bromodichloromethane	ND	103	104	1.0	97	104	7.0
Bromoform	ND	87	87	0.0	81	85	4.8
Bromomethane	ND	85	100	16.2	105	97	7.9
Carbon Disulfide	ND	105	111	5.6	115	121	5.1
Carbon tetrachloride	ND	83	90	8.1	84	79	6.1
Chlorobenzene	ND	92	97	5.3	95	100	5.1
Chloroethane	ND	108	115	6.3	113	124	9.3
Chloroform	ND	107	111	3.7	114	126	10.0
Chloromethane	ND	93	98	5.2	103	112	8.4
cis-1,2-Dichloroethene	ND	106	110	3.7	114	128	11.6
cis-1,3-Dichloropropene	ND	99	99	0.0	93	98	5.2

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromochloromethane	ND	93	94	1.1	90	94	4.3
Dibromoethane	ND	101	100	1.0	96	104	8.0
Dibromomethane	ND	103	101	2.0	100	106	5.8
Dichlorodifluoromethane	ND	121	128	5.6	111	115	3.5
Ethylbenzene	ND	91	97	6.4	96	101	5.1
Hexachlorobutadiene	ND	91	95	4.3	90	94	4.3
Isopropylbenzene	ND	85	91	6.8	96	100	4.1
m&p-Xylene	ND	92	98	6.3	98	102	4.0
Methyl ethyl ketone	ND	108	104	3.8	101	104	2.9
Methyl t-butyl ether (MTBE)	ND	100	98	2.0	93	98	5.2
Methylene chloride	ND	104	105	1.0	112	122	8.5
Naphthalene	ND	105	98	6.9	75	93	21.4
n-Butylbenzene	ND	100	107	6.8	102	104	1.9
n-Propylbenzene	ND	93	99	6.3	96	98	2.1
o-Xylene	ND	96	99	3.1	97	102	5.0
p-Isopropyltoluene	ND	95	101	6.1	97	101	4.0
sec-Butylbenzene	ND	96	102	6.1	101	103	2.0
Styrene	ND	97	100	3.0	98	103	5.0
tert-Butylbenzene	ND	93	98	5.2	97	101	4.0
Tetrachloroethene	ND	86	90	4.5	90	93	3.3
Tetrahydrofuran (THF)	ND	98	94	4.2	89	86	3.4
Toluene	ND	97	99	2.0	98	106	7.8
trans-1,2-Dichloroethene	ND	96	102	6.1	109	116	6.2
trans-1,3-Dichloropropene	ND	100	98	2.0	94	97	3.1
trans-1,4-dichloro-2-butene	ND	96	93	3.2	81	77	5.1
Trichloroethene	ND	90	94	4.3	92	98	6.3
Trichlorofluoromethane	ND	117	125	6.6	122	127	4.0
Trichlorotrifluoroethane	ND	104	110	5.6	103	105	1.9
Vinyl chloride	ND	97	104	7.0	108	112	3.6
% 1,2-dichlorobenzene-d4	101	103	99	4.0	101	101	0.0
% Bromofluorobenzene	96	102	100	2.0	102	100	2.0
% Dibromofluoromethane	98	96	95	1.0	96	86	11.0
% Toluene-d8	103	104	102	1.9	103	104	1.0

QA/QC Batch 156368, QC Sample No: AZ18734 (AZ18950)

Volatiles

1,1,1,2-Tetrachloroethane	ND	88	88	0.0	79	78	1.3
1,1,1-Trichloroethane	ND	96	96	0.0	82	85	3.6
1,1,2,2-Tetrachloroethane	ND	97	102	5.0	97	92	5.3
1,1,2-Trichloroethane	ND	95	98	3.1	96	92	4.3
1,1-Dichloroethane	ND	99	98	1.0	88	99	11.8
1,1-Dichloroethene	ND	82	80	2.5	85	93	9.0
1,1-Dichloropropene	ND	87	85	2.3	81	83	2.4
1,2,3-Trichlorobenzene	ND	96	99	3.1	87	78	10.9
1,2,3-Trichloropropane	ND	104	108	3.8	96	95	1.0
1,2,4-Trichlorobenzene	ND	89	91	2.2	85	79	7.3
1,2,4-Trimethylbenzene	ND	93	92	1.1	85	88	3.5
1,2-Dibromo-3-chloropropane	ND	84	86	2.4	84	72	15.4
1,2-Dichlorobenzene	ND	92	93	1.1	87	86	1.2
1,2-Dichloroethane	ND	101	103	2.0	97	96	1.0
1,2-Dichloropropane	ND	94	94	0.0	88	88	0.0
1,3,5-Trimethylbenzene	ND	91	90	1.1	83	87	4.7
1,3-Dichlorobenzene	ND	90	91	1.1	85	85	0.0

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3-Dichloropropane	ND	95	97	2.1	94	90	4.3
1,4-Dichlorobenzene	ND	90	90	0.0	86	85	1.2
2,2-Dichloropropane	ND	70	68	2.9	<40	44	NC
2-Chlorotoluene	ND	91	91	0.0	82	84	2.4
2-Hexanone	ND	89	94	5.5	93	82	12.6
2-Isopropyltoluene	ND	94	93	1.1	83	86	3.6
4-Chlorotoluene	ND	91	91	0.0	82	84	2.4
4-Methyl-2-pentanone	ND	97	101	4.0	105	90	15.4
Acetone	ND	108	111	2.7	>150	>150	NC
Acrylonitrile	ND	100	109	8.6	95	99	4.1
Benzene	ND	92	91	1.1	86	87	1.2
Bromobenzene	ND	90	91	1.1	87	85	2.3
Bromochloromethane	ND	99	102	3.0	94	98	4.2
Bromodichloromethane	ND	97	97	0.0	87	86	1.2
Bromoform	ND	80	83	3.7	73	68	7.1
Bromomethane	ND	99	102	3.0	70	82	15.8
Carbon Disulfide	ND	95	95	0.0	84	94	11.2
Carbon tetrachloride	ND	82	81	1.2	66	67	1.5
Chlorobenzene	ND	91	89	2.2	86	86	0.0
Chloroethane	ND	100	99	1.0	88	99	11.8
Chloroform	ND	99	99	0.0	87	97	10.9
Chloromethane	ND	88	86	2.3	83	90	8.1
cis-1,2-Dichloroethene	ND	102	100	2.0	93	101	8.2
cis-1,3-Dichloropropene	ND	87	88	1.1	75	75	0.0
Dibromochloromethane	ND	88	90	2.2	79	77	2.6
Dibromoethane	ND	96	98	2.1	97	90	7.5
Dibromomethane	ND	97	99	2.0	96	91	5.3
Dichlorodifluoromethane	ND	109	107	1.9	87	92	5.6
Ethylbenzene	ND	88	87	1.1	82	85	3.6
Hexachlorobutadiene	ND	85	84	1.2	75	77	2.6
Isopropylbenzene	ND	84	82	2.4	82	84	2.4
m&p-Xylene	ND	90	88	2.2	84	86	2.4
Methyl ethyl ketone	ND	102	106	3.8	103	89	14.6
Methyl t-butyl ether (MTBE)	ND	93	96	3.2	92	88	4.4
Methylene chloride	ND	100	104	3.9	94	99	5.2
Naphthalene	ND	97	103	6.0	97	83	15.6
n-Butylbenzene	ND	94	92	2.2	82	88	7.1
n-Propylbenzene	ND	90	89	1.1	81	83	2.4
o-Xylene	ND	92	92	0.0	85	87	2.3
p-Isopropyltoluene	ND	92	91	1.1	81	85	4.8
sec-Butylbenzene	ND	92	92	0.0	84	87	3.5
Styrene	ND	93	93	0.0	87	88	1.1
tert-Butylbenzene	ND	91	91	0.0	83	86	3.6
Tetrachloroethene	ND	81	80	1.2	77	77	0.0
Tetrahydrofuran (THF)	ND	90	96	6.5	91	82	10.4
Toluene	ND	91	91	0.0	86	87	1.2
trans-1,2-Dichloroethene	ND	90	90	0.0	86	94	8.9
trans-1,3-Dichloropropene	ND	87	89	2.3	77	75	2.6
trans-1,4-dichloro-2-butene	ND	78	81	3.8	58	57	1.7
Trichloroethene	ND	87	86	1.2	82	81	1.2
Trichlorofluoromethane	ND	106	104	1.9	88	99	11.8
Trichlorotrifluoroethane	ND	94	94	0.0	81	86	6.0
Vinyl chloride	ND	93	92	1.1	81	89	9.4

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% 1,2-dichlorobenzene-d4	102	101	102	1.0	100	100	0.0
% Bromofluorobenzene	97	99	100	1.0	99	99	0.0
% Dibromofluoromethane	96	97	99	2.0	96	96	0.0
% Toluene-d8	101	102	102	0.0	100	103	3.0
QA/QC Batch 156479, QC Sample No: AZ18737 (AZ18950)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	94	94	0.0	87	90	3.4
1,1,1-Trichloroethane	ND	109	104	4.7	98	102	4.0
1,1,2,2-Tetrachloroethane	ND	103	107	3.8	94	95	1.1
1,1,2-Trichloroethane	ND	105	106	0.9	96	97	1.0
1,1-Dichloroethane	ND	114	108	5.4	109	113	3.6
1,1-Dichloroethene	ND	98	92	6.3	108	110	1.8
1,1-Dichloropropene	ND	99	95	4.1	97	96	1.0
1,2,3-Trichlorobenzene	ND	107	105	1.9	80	74	7.8
1,2,3-Trichloropropane	ND	110	113	2.7	96	97	1.0
1,2,4-Trichlorobenzene	ND	99	101	2.0	84	80	4.9
1,2,4-Trimethylbenzene	ND	101	99	2.0	96	97	1.0
1,2-Dibromo-3-chloropropane	ND	84	91	8.0	74	69	7.0
1,2-Dichlorobenzene	ND	99	102	3.0	93	92	1.1
1,2-Dichloroethane	ND	107	108	0.9	99	99	0.0
1,2-Dichloropropane	ND	103	101	2.0	95	96	1.0
1,3,5-Trimethylbenzene	ND	100	97	3.0	96	97	1.0
1,3-Dichlorobenzene	ND	99	98	1.0	93	93	0.0
1,3-Dichloropropane	ND	103	104	1.0	94	96	2.1
1,4-Dichlorobenzene	ND	98	98	0.0	92	92	0.0
2,2-Dichloropropane	ND	125	117	6.6	92	85	7.9
2-Chlorotoluene	ND	98	97	1.0	93	93	0.0
2-Hexanone	ND	89	92	3.3	81	79	2.5
2-Isopropyltoluene	ND	101	99	2.0	96	97	1.0
4-Chlorotoluene	ND	98	97	1.0	93	93	0.0
4-Methyl-2-pentanone	ND	100	105	4.9	91	90	1.1
Acetone	ND	124	126	1.6	109	112	2.7
Acrylonitrile	ND	107	110	2.8	99	101	2.0
Benzene	ND	104	101	2.9	99	100	1.0
Bromobenzene	ND	97	98	1.0	91	92	1.1
Bromochloromethane	ND	111	108	2.7	104	106	1.9
Bromodichloromethane	ND	106	105	0.9	95	97	2.1
Bromoform	ND	88	89	1.1	76	79	3.9
Bromomethane	ND	108	108	0.0	89	107	18.4
Carbon Disulfide	ND	118	112	5.2	110	117	6.2
Carbon tetrachloride	ND	90	87	3.4	80	83	3.7
Chlorobenzene	ND	98	97	1.0	94	95	1.1
Chloroethane	ND	120	111	7.8	114	116	1.7
Chloroform	ND	114	110	3.6	107	112	4.6
Chloromethane	ND	106	99	6.8	101	103	2.0
cis-1,2-Dichloroethene	ND	112	110	1.8	113	112	0.9
cis-1,3-Dichloropropene	ND	102	102	0.0	89	88	1.1
Dibromochloromethane	ND	97	97	0.0	86	89	3.4
Dibromoethane	ND	103	104	1.0	93	94	1.1
Dibromomethane	ND	105	106	0.9	97	96	1.0
Dichlorodifluoromethane	ND	143	132	8.0	107	110	2.8
Ethylbenzene	ND	100	96	4.1	95	98	3.1

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Hexachlorobutadiene	ND	100	100	0.0	90	89	1.1
Isopropylbenzene	ND	92	89	3.3	94	95	1.1
m&p-Xylene	ND	100	97	3.0	96	98	2.1
Methyl ethyl ketone	ND	105	106	0.9	93	95	2.1
Methyl t-butyl ether (MTBE)	ND	98	100	2.0	89	88	1.1
Methylene chloride	ND	110	106	3.7	109	110	0.9
Naphthalene	ND	102	105	2.9	79	69	13.5
n-Butylbenzene	ND	111	106	4.6	100	99	1.0
n-Propylbenzene	ND	101	98	3.0	95	95	0.0
o-Xylene	ND	100	98	2.0	96	99	3.1
p-Isopropyltoluene	ND	103	101	2.0	96	96	0.0
sec-Butylbenzene	ND	105	103	1.9	100	98	2.0
Styrene	ND	101	99	2.0	95	98	3.1
tert-Butylbenzene	ND	100	98	2.0	96	97	1.0
Tetrachloroethene	ND	95	91	4.3	91	93	2.2
Tetrahydrofuran (THF)	ND	92	97	5.3	83	83	0.0
Toluene	ND	103	101	2.0	98	100	2.0
trans-1,2-Dichloroethene	ND	106	101	4.8	108	110	1.8
trans-1,3-Dichloropropene	ND	101	101	0.0	87	86	1.2
trans-1,4-dichloro-2-butene	ND	90	94	4.3	72	69	4.3
Trichloroethene	ND	99	93	6.3	93	94	1.1
Trichlorofluoromethane	ND	132	124	6.3	117	121	3.4
Trichlorotrifluoroethane	ND	113	106	6.4	103	102	1.0
Vinyl chloride	ND	114	108	5.4	105	110	4.7
% 1,2-dichlorobenzene-d4	102	100	103	3.0	100	100	0.0
% Bromofluorobenzene	95	101	102	1.0	99	100	1.0
% Dibromofluoromethane	96	100	99	1.0	94	95	1.1
% Toluene-d8	102	103	103	0.0	102	102	0.0

QA/QC Batch 156370, QC Sample No: AZ18791 (AZ18952)

Volatiles

1,1,1,2-Tetrachloroethane	ND	91	86	5.6	90	89	1.1
1,1,1-Trichloroethane	ND	108	99	8.7	105	104	1.0
1,1,2,2-Tetrachloroethane	ND	105	101	3.9	108	103	4.7
1,1,2-Trichloroethane	ND	101	105	3.9	104	112	7.4
1,1-Dichloroethane	ND	104	97	7.0	105	103	1.9
1,1-Dichloroethene	ND	88	79	10.8	104	104	0.0
1,1-Dichloropropene	ND	113	115	1.8	112	130	14.9
1,2,3-Trichlorobenzene	ND	92	92	0.0	77	72	6.7
1,2,3-Trichloropropane	ND	107	103	3.8	102	97	5.0
1,2,4-Trichlorobenzene	ND	93	89	4.4	83	80	3.7
1,2,4-Trimethylbenzene	ND	102	96	6.1	97	98	1.0
1,2-Dibromo-3-chloropropane	ND	79	76	3.9	76	76	0.0
1,2-Dichlorobenzene	ND	98	92	6.3	95	92	3.2
1,2-Dichloroethane	ND	118	122	3.3	119	124	4.1
1,2-Dichloropropane	ND	103	106	2.9	100	112	11.3
1,3,5-Trimethylbenzene	ND	103	96	7.0	95	99	4.1
1,3-Dichlorobenzene	ND	101	94	7.2	96	95	1.0
1,3-Dichloropropane	ND	97	91	6.4	99	94	5.2
1,4-Dichlorobenzene	ND	97	90	7.5	93	93	0.0
2,2-Dichloropropane	ND	105	93	12.1	83	70	17.0
2-Chlorotoluene	ND	97	92	5.3	94	96	2.1
2-Hexanone	ND	87	82	5.9	85	83	2.4

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2-Isopropyltoluene	ND	106	97	8.9	97	98	1.0
4-Chlorotoluene	ND	100	94	6.2	95	96	1.0
4-Methyl-2-pentanone	ND	99	106	6.8	102	107	4.8
Acetone	ND	104	94	10.1	113	119	5.2
Acrylonitrile	ND	104	104	0.0	107	94	12.9
Benzene	ND	116	118	1.7	111	126	12.7
Bromobenzene	ND	96	90	6.5	91	92	1.1
Bromochloromethane	ND	100	94	6.2	101	96	5.1
Bromodichloromethane	ND	107	110	2.8	103	115	11.0
Bromoform	ND	81	78	3.8	80	82	2.5
Bromomethane	ND	103	93	10.2	104	85	20.1
Carbon Disulfide	ND	106	96	9.9	105	105	0.0
Carbon tetrachloride	ND	124	125	0.8	118	138	15.6
Chlorobenzene	ND	96	89	7.6	94	94	0.0
Chloroethane	ND	115	104	10.0	112	111	0.9
Chloroform	ND	104	97	7.0	105	101	3.9
Chloromethane	ND	98	89	9.6	97	96	1.0
cis-1,2-Dichloroethene	ND	100	93	7.3	102	100	2.0
cis-1,3-Dichloropropene	ND	107	111	3.7	101	109	7.6
Dibromochloromethane	ND	89	86	3.4	91	89	2.2
Dibromoethane	ND	101	107	5.8	102	111	8.5
Dibromomethane	ND	102	106	3.8	103	113	9.3
Dichlorodifluoromethane	ND	130	115	12.2	104	106	1.9
Ethylbenzene	ND	98	89	9.6	94	96	2.1
Hexachlorobutadiene	ND	97	90	7.5	90	82	9.3
Isopropylbenzene	ND	94	86	8.9	95	99	4.1
m&p-Xylene	ND	99	91	8.4	96	95	1.0
Methyl ethyl ketone	ND	96	97	1.0	106	93	13.1
Methyl t-butyl ether (MTBE)	ND	78	84	7.4	72	88	20.0
Methylene chloride	ND	100	93	7.3	106	101	4.8
Naphthalene	ND	90	89	1.1	78	79	1.3
n-Butylbenzene	ND	112	102	9.3	103	101	2.0
n-Propylbenzene	ND	102	93	9.2	95	98	3.1
o-Xylene	ND	100	92	8.3	97	97	0.0
p-Isopropyltoluene	ND	103	97	6.0	97	97	0.0
sec-Butylbenzene	ND	105	96	9.0	99	99	0.0
Styrene	ND	100	93	7.3	96	95	1.0
tert-Butylbenzene	ND	101	93	8.2	95	98	3.1
Tetrachloroethene	ND	91	83	9.2	89	93	4.4
Tetrahydrofuran (THF)	ND	102	97	5.0	107	94	12.9
Toluene	ND	107	109	1.9	103	118	13.6
trans-1,2-Dichloroethene	ND	98	89	9.6	105	105	0.0
trans-1,3-Dichloropropene	ND	108	111	2.7	103	108	4.7
trans-1,4-dichloro-2-butene	ND	95	93	2.1	84	78	7.4
Trichloroethene	ND	87	84	3.5	89	92	3.3
Trichlorofluoromethane	ND	116	105	10.0	112	112	0.0
Trichlorotrifluoroethane	ND	107	98	8.8	101	100	1.0
Vinyl chloride	ND	103	92	11.3	100	100	0.0
% 1,2-dichlorobenzene-d4	101	100	100	0.0	100	99	1.0
% Bromofluorobenzene	97	101	101	0.0	102	98	4.0
% Dibromofluoromethane	101	99	101	2.0	102	102	0.0
% Toluene-d8	121	111	123	10.3	109	124	12.9

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 156469, QC Sample No: AZ18949 (AZ18949, AZ18955, AZ18956, AZ18961, AZ18963, AZ18966)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	80	81	1.2	93	81	13.8
1,1,1-Trichloroethane	ND	95	93	2.1	110	91	18.9
1,1,2,2-Tetrachloroethane	ND	94	93	1.1	111	104	6.5
1,1,2-Trichloroethane	ND	89	88	1.1	107	99	7.8
1,1-Dichloroethane	ND	89	90	1.1	109	93	15.8
1,1-Dichloroethene	ND	78	76	2.6	109	87	22.4
1,1-Dichloropropene	ND	95	88	7.7	114	88	25.7
1,2,3-Trichlorobenzene	ND	81	79	2.5	79	70	12.1
1,2,3-Trichloropropane	ND	94	94	0.0	106	97	8.9
1,2,4-Trichlorobenzene	ND	80	77	3.8	86	76	12.3
1,2,4-Trimethylbenzene	ND	85	81	4.8	99	82	18.8
1,2-Dibromo-3-chloropropane	ND	72	73	1.4	79	73	7.9
1,2-Dichlorobenzene	ND	84	81	3.6	99	87	12.9
1,2-Dichloroethane	ND	102	102	0.0	120	110	8.7
1,2-Dichloropropane	ND	88	86	2.3	104	90	14.4
1,3,5-Trimethylbenzene	ND	84	80	4.9	99	81	20.0
1,3-Dichlorobenzene	ND	84	81	3.6	98	84	15.4
1,3-Dichloropropane	ND	84	84	0.0	103	94	9.1
1,4-Dichlorobenzene	ND	82	80	2.5	97	84	14.4
2,2-Dichloropropane	ND	68	67	1.5	52	42	21.3
2-Chlorotoluene	ND	81	78	3.8	97	81	18.0
2-Hexanone	ND	72	72	0.0	89	83	7.0
2-Isopropyltoluene	ND	84	80	4.9	99	82	18.8
4-Chlorotoluene	ND	83	79	4.9	98	81	19.0
4-Methyl-2-pentanone	ND	85	84	1.2	103	97	6.0
Acetone	ND	109	113	3.6	124	120	3.3
Acrylonitrile	ND	97	96	1.0	107	107	0.0
Benzene	ND	95	92	3.2	112	93	18.5
Bromobenzene	ND	81	78	3.8	96	84	13.3
Bromochloromethane	ND	89	90	1.1	107	97	9.8
Bromodichloromethane	ND	94	94	0.0	108	94	13.9
Bromoform	ND	79	80	1.3	88	82	7.1
Bromomethane	ND	65	69	6.0	84	73	14.0
Carbon Disulfide	ND	96	94	2.1	111	89	22.0
Carbon tetrachloride	ND	106	101	4.8	119	93	24.5
Chlorobenzene	ND	82	79	3.7	98	84	15.4
Chloroethane	ND	99	100	1.0	116	98	16.8
Chloroform	ND	92	93	1.1	111	96	14.5
Chloromethane	ND	81	79	2.5	101	83	19.6
cis-1,2-Dichloroethene	ND	88	89	1.1	106	92	14.1
cis-1,3-Dichloropropene	ND	89	88	1.1	96	83	14.5
Dibromochloromethane	ND	83	83	0.0	96	87	9.8
Dibromoethane	ND	87	88	1.1	107	97	9.8
Dibromomethane	ND	90	88	2.2	106	98	7.8
Dichlorodifluoromethane	ND	112	110	1.8	111	86	25.4
Ethylbenzene	ND	81	78	3.8	99	82	18.8
Hexachlorobutadiene	ND	83	78	6.2	90	75	18.2
Isopropylbenzene	ND	77	73	5.3	96	79	19.4
m&p-Xylene	ND	82	79	3.7	100	83	18.6
Methyl ethyl ketone	ND	86	89	3.4	108	110	1.8

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Methyl t-butyl ether (MTBE)	ND	65	58	11.4	60	58	3.4
Methylene chloride	ND	88	90	2.2	111	98	12.4
Naphthalene	ND	79	76	3.9	81	72	11.8
n-Butylbenzene	ND	93	87	6.7	104	84	21.3
n-Propylbenzene	ND	84	78	7.4	96	79	19.4
o-Xylene	ND	83	80	3.7	101	85	17.2
p-Isopropyltoluene	ND	86	82	4.8	98	79	21.5
sec-Butylbenzene	ND	87	81	7.1	101	81	22.0
Styrene	ND	84	82	2.4	101	88	13.8
tert-Butylbenzene	ND	83	78	6.2	98	79	21.5
Tetrachloroethene	ND	76	73	4.0	92	74	21.7
Tetrahydrofuran (THF)	ND	94	95	1.1	109	105	3.7
Toluene	ND	89	85	4.6	106	88	18.6
trans-1,2-Dichloroethene	ND	88	83	5.8	108	90	18.2
trans-1,3-Dichloropropene	ND	89	89	0.0	97	86	12.0
trans-1,4-dichloro-2-butene	ND	76	77	1.3	72	67	7.2
Trichloroethene	ND	78	75	3.9	93	75	21.4
Trichlorofluoromethane	ND	105	102	2.9	118	94	22.6
Trichlorotrifluoroethane	ND	92	90	2.2	104	83	22.5
Vinyl chloride	ND	87	85	2.3	107	83	25.3
% 1,2-dichlorobenzene-d4	101	102	101	1.0	101	99	2.0
% Bromofluorobenzene	96	101	102	1.0	101	102	1.0
% Dibromofluoromethane	103	104	109	4.7	105	107	1.9
% Toluene-d8	108	109	108	0.9	105	107	1.9

QA/QC Batch 156369, QC Sample No: AZ18964 (AZ18964)

Volatiles

1,1,1,2-Tetrachloroethane	ND	93	87	6.7	90	93	3.3
1,1,1-Trichloroethane	ND	109	99	9.6	104	108	3.8
1,1,2,2-Tetrachloroethane	ND	95	91	4.3	100	95	5.1
1,1,2-Trichloroethane	ND	94	88	6.6	99	95	4.1
1,1-Dichloroethane	ND	116	105	10.0	116	116	0.0
1,1-Dichloroethene	ND	95	85	11.1	113	117	3.5
1,1-Dichloropropene	ND	99	92	7.3	100	105	4.9
1,2,3-Trichlorobenzene	ND	100	100	0.0	82	79	3.7
1,2,3-Trichloropropane	ND	106	101	4.8	103	98	5.0
1,2,4-Trichlorobenzene	ND	95	92	3.2	86	85	1.2
1,2,4-Trimethylbenzene	ND	104	98	5.9	102	107	4.8
1,2-Dibromo-3-chloropropane	ND	79	76	3.9	77	78	1.3
1,2-Dichlorobenzene	ND	96	91	5.3	96	95	1.0
1,2-Dichloroethane	ND	103	96	7.0	105	101	3.9
1,2-Dichloropropane	ND	100	92	8.3	100	100	0.0
1,3,5-Trimethylbenzene	ND	105	98	6.9	103	107	3.8
1,3-Dichlorobenzene	ND	98	93	5.2	97	98	1.0
1,3-Dichloropropane	ND	97	90	7.5	100	97	3.0
1,4-Dichlorobenzene	ND	97	93	4.2	97	98	1.0
2,2-Dichloropropane	ND	124	112	10.2	100	89	11.6
2-Chlorotoluene	ND	102	95	7.1	99	101	2.0
2-Hexanone	ND	83	77	7.5	84	83	1.2
2-Isopropyltoluene	ND	106	101	4.8	101	105	3.9
4-Chlorotoluene	ND	102	95	7.1	99	101	2.0
4-Methyl-2-pentanone	ND	92	86	6.7	95	90	5.4
Acetone	ND	136	95	35.5	139	132	5.2

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acrylonitrile	ND	101	95	6.1	104	99	4.9
Benzene	ND	102	94	8.2	103	105	1.9
Bromobenzene	ND	96	91	5.3	96	98	2.1
Bromoform	ND	107	99	7.8	110	108	1.8
Bromomethane	ND	102	94	8.2	99	99	0.0
Bromochloromethane	ND	79	74	6.5	76	80	5.1
Chlorobenzene	ND	111	101	9.4	121	86	33.8
Chloroethane	ND	115	100	14.0	117	121	3.4
Chloroform	ND	89	82	8.2	84	85	1.2
Chloromethane	ND	99	92	7.3	98	100	2.0
cis-1,2-Dichloroethene	ND	126	118	6.6	119	123	3.3
cis-1,3-Dichloropropene	ND	114	104	9.2	113	114	0.9
Dibromochloromethane	ND	110	98	11.5	106	111	4.6
Dibromoethane	ND	114	105	8.2	117	119	1.7
Dibromomethane	ND	97	90	7.5	91	91	0.0
Dichlorodifluoromethane	ND	89	83	7.0	87	91	4.5
Ethylbenzene	ND	94	88	6.6	96	94	2.1
Hexachlorobutadiene	ND	96	90	6.5	99	97	2.0
Isopropylbenzene	ND	99	93	6.3	100	102	2.0
m&p-Xylene	ND	97	92	5.3	94	96	2.1
Methyl ethyl ketone	ND	95	91	4.3	101	105	3.9
Methyl t-butyl ether (MTBE)	ND	101	95	6.1	102	103	1.0
Methylene chloride	ND	92	79	15.2	100	91	9.4
Naphthalene	ND	94	97	9.8	114	112	1.8
n-Butylbenzene	ND	98	96	2.1	86	93	7.8
n-Propylbenzene	ND	102	106	5.5	108	107	0.9
o-Xylene	ND	104	98	5.9	101	104	2.9
p-Isopropyltoluene	ND	107	102	4.8	106	110	3.7
sec-Butylbenzene	ND	102	95	7.1	101	102	1.0
Styrene	ND	104	98	5.9	102	106	3.8
tert-Butylbenzene	ND	93	86	7.8	94	107	12.9
Tetrachloroethene	ND	84	76	10.0	87	82	5.9
Toluene	ND	106	94	8.2	101	104	2.9
trans-1,2-Dichloroethene	ND	106	96	9.9	113	117	3.5
trans-1,3-Dichloropropene	ND	94	87	7.7	93	88	5.5
trans-1,4-dichloro-2-butene	ND	85	81	4.8	78	71	9.4
Trichloroethene	ND	96	89	7.6	96	101	5.1
Trichlorofluoromethane	ND	127	120	5.7	126	128	1.6
Vinyl chloride	ND	110	97	12.6	106	109	2.8
% 1,2-dichlorobenzene-d4	103	100	99	1.0	99	99	0.0
% Bromofluorobenzene	96	100	98	2.0	101	98	3.0
% Dibromofluoromethane	93	96	91	5.3	92	91	1.1
% Toluene-d8	101	103	102	1.0	102	100	2.0

QA/QC Batch 156560, QC Sample No: AZ19449 (AZ18960)

Volatiles

1,1,1,2-Tetrachloroethane	ND	90	84	6.9	89	90	1.1
1,1,1-Trichloroethane	ND	101	82	20.8	99	105	5.9

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,2,2-Tetrachloroethane	ND	101	102	1.0	94	95	1.1
1,1,2-Trichloroethane	ND	104	106	1.9	103	101	2.0
1,1-Dichloroethane	ND	101	83	19.6	100	104	3.9
1,1-Dichloroethene	ND	85	67	23.7	105	109	3.7
1,1-Dichloropropene	ND	88	75	16.0	97	98	1.0
1,2,3-Trichlorobenzene	ND	91	133	37.5	58	74	24.2
1,2,3-Trichloropropane	ND	100	106	5.8	92	91	1.1
1,2,4-Trichlorobenzene	ND	86	102	17.0	61	70	13.7
1,2,4-Trimethylbenzene	ND	89	77	14.5	79	82	3.7
1,2-Dibromo-3-chloropropane	ND	83	98	16.6	76	80	5.1
1,2-Dichlorobenzene	ND	94	88	6.6	83	85	2.4
1,2-Dichloroethane	ND	102	99	3.0	101	99	2.0
1,2-Dichloropropane	ND	94	88	6.6	96	96	0.0
1,3,5-Trimethylbenzene	ND	89	74	18.4	78	82	5.0
1,3-Dichlorobenzene	ND	90	82	9.3	80	83	3.7
1,3-Dichloropropane	ND	99	97	2.0	93	96	3.2
1,4-Dichlorobenzene	ND	89	82	8.2	81	84	3.6
2,2-Dichloropropane	ND	104	79	27.3	<40	<40	NC
2-Chlorotoluene	ND	88	76	14.6	80	84	4.9
2-Hexanone	ND	88	95	7.7	84	86	2.4
2-Isopropyltoluene	ND	89	76	15.8	74	78	5.3
4-Chlorotoluene	ND	88	76	14.6	80	84	4.9
4-Methyl-2-pentanone	ND	97	108	10.7	99	100	1.0
Acetone	ND	108	112	3.6	>150	>150	NC
Acrylonitrile	ND	104	104	0.0	86	91	5.6
Benzene	ND	94	83	12.4	98	99	1.0
Bromobenzene	ND	92	83	10.3	86	88	2.3
Bromochloromethane	ND	111	95	15.5	94	99	5.2
Bromodichloromethane	ND	100	95	5.1	99	101	2.0
Bromoform	ND	93	95	2.1	86	88	2.3
Bromomethane	ND	105	68	42.8	100	110	9.5
Carbon Disulfide	ND	103	81	23.9	108	113	4.5
Carbon tetrachloride	ND	86	71	19.1	89	93	4.4
Chlorobenzene	ND	90	81	10.5	90	92	2.2
Chloroethane	ND	100	82	19.8	104	110	5.6
Chloroform	ND	126	98	25.0	104	108	3.8
Chloromethane	ND	93	75	21.4	102	103	1.0
cis-1,2-Dichloroethene	ND	104	84	21.3	101	105	3.9
cis-1,3-Dichloropropene	ND	94	90	4.3	79	80	1.3
Dibromochloromethane	ND	100	96	4.1	93	96	3.2
Dibromoethane	ND	103	105	1.9	100	98	2.0
Dibromomethane	ND	103	103	0.0	103	99	4.0
Dichlorodifluoromethane	ND	120	95	23.3	106	104	1.9
Ethylbenzene	ND	89	77	14.5	89	92	3.3
Hexachlorobutadiene	ND	93	82	12.6	43	46	6.7
Isopropylbenzene	ND	82	68	18.7	82	85	3.6
m&p-Xylene	ND	88	78	12.0	87	91	4.5
Methyl ethyl ketone	ND	103	107	3.8	102	101	1.0
Methyl t-butyl ether (MTBE)	ND	94	94	0.0	89	89	0.0
Methylene chloride	ND	100	89	11.6	100	103	3.0
Naphthalene	ND	87	131	40.4	69	84	19.6
n-Butylbenzene	ND	94	77	19.9	66	70	5.9
n-Propylbenzene	ND	89	74	18.4	77	82	6.3

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	90	81	10.5	89	92	3.3
p-Isopropyltoluene	ND	91	76	18.0	71	75	5.5
sec-Butylbenzene	ND	92	77	17.8	73	77	5.3
Styrene	ND	91	85	6.8	85	86	1.2
tert-Butylbenzene	ND	89	75	17.1	76	79	3.9
Tetrachloroethene	ND	85	71	17.9	85	90	5.7
Tetrahydrofuran (THF)	ND	93	98	5.2	81	83	2.4
Toluene	ND	92	84	9.1	97	97	0.0
trans-1,2-Dichloroethene	ND	93	76	20.1	101	106	4.8
trans-1,3-Dichloropropene	ND	95	94	1.1	79	79	0.0
trans-1,4-dichloro-2-butene	ND	86	88	2.3	55	57	3.6
Trichloroethene	ND	90	77	15.6	94	97	3.1
Trichlorofluoromethane	ND	116	92	23.1	117	120	2.5
Trichlorotrifluoroethane	ND	98	77	24.0	93	98	5.2
Vinyl chloride	ND	100	76	27.3	108	110	1.8
% 1,2-dichlorobenzene-d4	104	102	103	1.0	102	104	1.9
% Bromofluorobenzene	95	99	101	2.0	100	99	1.0
% Dibromofluoromethane	105	106	105	0.9	102	100	2.0
% Toluene-d8	100	99	102	3.0	103	100	3.0

QA/QC Batch 156468, QC Sample No: AZ19697 (AZ18951, AZ18952, AZ18953, AZ18954, AZ18957, AZ18958, AZ18959, AZ18960, AZ18962, AZ18965)

Volatiles

1,1,1,2-Tetrachloroethane	ND	84	90	91	1.1
1,1,1-Trichloroethane	ND	94	103	96	7.0
1,1,2,2-Tetrachloroethane	ND	89	102	108	5.7
1,1,2-Trichloroethane	ND	85	102	108	5.7
1,1-Dichloroethane	ND	101	115	110	4.4
1,1-Dichloroethene	ND	85	112	105	6.5
1,1-Dichloropropene	ND	84	97	91	6.4
1,2,3-Trichlorobenzene	ND	98	79	81	2.5
1,2,3-Trichloropropane	ND	97	102	108	5.7
1,2,4-Trichlorobenzene	ND	86	86	86	0.0
1,2,4-Trimethylbenzene	ND	89	98	97	1.0
1,2-Dibromo-3-chloropropane	ND	74	76	83	8.8
1,2-Dichlorobenzene	ND	86	96	98	2.1
1,2-Dichloroethane	ND	92	107	110	2.8
1,2-Dichloropropane	ND	87	100	100	0.0
1,3,5-Trimethylbenzene	ND	90	98	96	2.1
1,3-Dichlorobenzene	ND	87	96	96	0.0
1,3-Dichloropropane	ND	86	100	104	3.9
1,4-Dichlorobenzene	ND	86	95	96	1.0
2,2-Dichloropropane	ND	84	58	55	5.3
2-Chlorotoluene	ND	88	95	95	0.0
2-Hexanone	ND	73	87	93	6.7
2-Isopropyltoluene	ND	89	98	95	3.1
4-Chlorotoluene	ND	88	95	95	0.0
4-Methyl-2-pentanone	ND	80	98	107	8.8
Acetone	ND	108	133	145	8.6
Acrylonitrile	ND	91	105	113	7.3
Benzene	ND	89	103	99	4.0
Bromobenzene	ND	85	95	95	0.0
Bromochloromethane	ND	96	109	111	1.8

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bromodichloromethane	ND		91		101	103	2.0
Bromoform	ND		79		82	89	8.2
Bromomethane	ND		97		113	103	9.3
Carbon Disulfide	ND		105		116	108	7.1
Carbon tetrachloride	ND		79		82	81	1.2
Chlorobenzene	ND		86		97	96	1.0
Chloroethane	ND		106		117	109	7.1
Chloroform	ND		101		113	112	0.9
Chloromethane	ND		91		104	98	5.9
cis-1,2-Dichloroethene	ND		104		116	118	1.7
cis-1,3-Dichloropropene	ND		83		87	89	2.3
Dibromochloromethane	ND		85		90	95	5.4
Dibromoethane	ND		85		100	105	4.9
Dibromomethane	ND		88		103	108	4.7
Dichlorodifluoromethane	ND		121		111	105	5.6
Ethylbenzene	ND		86		96	95	1.0
Hexachlorobutadiene	ND		86		91	88	3.4
Isopropylbenzene	ND		82		97	93	4.2
m,p-Xylene	ND		86		96	96	0.0
Methyl ethyl ketone	ND		84		103	110	6.6
Methyl t-butyl ether (MTBE)	ND		79		96	99	3.1
Methylene chloride	ND		97		115	114	0.9
Naphthalene	ND		96		79	81	2.5
n-Butylbenzene	ND		96		100	99	1.0
n-Propylbenzene	ND		89		96	93	3.2
o-Xylene	ND		87		99	97	2.0
p-Isopropyltoluene	ND		92		97	95	2.1
sec-Butylbenzene	ND		93		100	97	3.0
Styrene	ND		87		100	99	1.0
tert-Butylbenzene	ND		89		97	95	2.1
Tetrachloroethene	ND		79		90	92	2.2
Tetrahydrofuran (THF)	ND		75		90	95	5.4
Toluene	ND		88		101	99	2.0
trans-1,2-Dichloroethene	ND		93		112	104	7.4
trans-1,3-Dichloropropene	ND		82		86	90	4.5
trans-1,4-dichloro-2-butene	ND		72		64	70	9.0
Trichloroethene	ND		82		95	93	2.1
Trichlorofluoromethane	ND		116		120	115	4.3
Trichlorotrifluoroethane	ND		96		100	98	2.0
Vinyl chloride	ND		97		111	104	6.5
% 1,2-dichlorobenzene-d4	102		100		102	101	1.0
% Bromofluorobenzene	95		100		100	99	1.0
% Dibromofluoromethane	97		96		95	96	1.0
% Toluene-d8	104		103		102	102	0.0

QA/QC Batch 156631, QC Sample No: AZ20706 (AZ18954)

Volatiles

1,1,1,2-Tetrachloroethane	ND	89	105	16.5	100	101	1.0
1,1,1-Trichloroethane	ND	94	88	6.6	86	75	13.7
1,1,2,2-Tetrachloroethane	ND	123	113	8.5	107	105	1.9
1,1,2-Trichloroethane	ND	91	93	2.2	93	85	9.0
1,1-Dichloroethane	ND	108	98	9.7	100	89	11.6
1,1-Dichloroethene	ND	88	83	5.8	89	82	8.2

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloropropene	ND	69	80	14.8	66	71	7.3
1,2,3-Trichlorobenzene	ND	125	81	42.7	87	82	5.9
1,2,3-Trichloropropane	ND	146	128	13.1	117	121	3.4
1,2,4-Trichlorobenzene	ND	115	86	28.9	86	78	9.8
1,2,4-Trimethylbenzene	ND	103	100	3.0	97	92	5.3
1,2-Dibromo-3-chloropropane	ND	102	84	19.4	102	95	7.1
1,2-Dichlorobenzene	ND	119	97	20.4	101	97	4.0
1,2-Dichloroethane	ND	114	115	0.9	109	112	2.7
1,2-Dichloropropane	ND	95	92	3.2	85	81	4.8
1,3,5-Trimethylbenzene	ND	125	106	16.5	97	94	3.1
1,3-Dichlorobenzene	ND	101	98	3.0	87	87	0.0
1,3-Dichloropropane	ND	101	97	4.0	95	102	7.1
1,4-Dichlorobenzene	ND	99	100	1.0	93	86	7.8
2,2-Dichloropropane	ND	80	69	14.8	43	<40	NC
2-Chlorotoluene	ND	124	105	16.6	97	96	1.0
2-Hexanone	ND	93	85	9.0	75	77	2.6
2-Isopropyltoluene	ND	112	87	25.1	97	90	7.5
4-Chlorotoluene	ND	128	108	16.9	98	90	8.5
4-Methyl-2-pentanone	ND	94	91	3.2	87	83	4.7
Acetone	ND	99	83	17.6	90	88	2.2
Acrylonitrile	ND	94	87	7.7	83	85	2.4
Benzene	ND	78	96	20.7	77	76	1.3
Bromobenzene	ND	127	111	13.4	113	101	11.2
Bromochloromethane	ND	91	85	6.8	88	83	5.8
Bromodichloromethane	ND	109	107	1.9	106	99	6.8
Bromoform	ND	100	108	7.7	106	110	3.7
Bromomethane	ND	107	93	14.0	90	81	10.5
Carbon Disulfide	ND	105	95	10.0	87	79	9.6
Carbon tetrachloride	ND	88	102	14.7	94	88	6.6
Chlorobenzene	ND	96	97	1.0	91	86	5.6
Chloroethane	ND	115	103	11.0	93	86	7.8
Chloroform	ND	85	76	11.2	83	73	12.8
Chloromethane	ND	77	65	16.9	55	51	7.5
cis-1,2-Dichloroethene	ND	100	90	10.5	97	86	12.0
cis-1,3-Dichloropropene	ND	93	95	2.1	83	79	4.9
Dibromochloromethane	ND	103	105	1.9	105	110	4.7
Dibromoethane	ND	92	93	1.1	90	88	2.2
Dibromomethane	ND	98	98	0.0	96	93	3.2
Dichlorodifluoromethane	ND	111	93	17.6	78	65	18.2
Ethylbenzene	ND	93	99	6.3	91	88	3.4
Hexachlorobutadiene	ND	133	107	21.7	107	93	14.0
Isopropylbenzene	ND	110	100	9.5	101	90	11.5
m&p-Xylene	ND	83	96	14.5	86	89	3.4
Methyl ethyl ketone	ND	72	65	10.2	63	63	0.0
Methyl t-butyl ether (MTBE)	ND	103	112	8.4	103	106	2.9
Methylene chloride	ND	83	79	4.9	81	75	7.7
Naphthalene	ND	97	65	39.5	70	69	1.4
n-Butylbenzene	ND	139	98	34.6	111	97	13.5
n-Propylbenzene	ND	122	105	15.0	94	90	4.3
o-Xylene	ND	82	95	14.7	83	91	9.2
p-Isopropyltoluene	ND	112	87	25.1	97	90	7.5
sec-Butylbenzene	ND	99	98	1.0	92	86	6.7
Styrene	ND	87	98	11.9	81	90	10.5

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
tert-Butylbenzene	ND	121	100	19.0	96	89	7.6
Tetrachloroethene	ND	101	99	2.0	91	89	2.2
Tetrahydrofuran (THF)	ND	63	63	0.0	60	54	10.5
Toluene	ND	81	95	15.9	87	78	10.9
trans-1,2-Dichloroethene	ND	100	93	7.3	94	86	8.9
trans-1,3-Dichloropropene	ND	96	100	4.1	91	85	6.8
trans-1,4-dichloro-2-butene	ND	147	118	21.9	106	90	16.3
Trichloroethene	ND	89	94	5.5	84	76	10.0
Trichlorofluoromethane	ND	120	108	10.5	109	92	16.9
Trichlorotrifluoroethane	ND	113	104	8.3	98	90	8.5
Vinyl chloride	ND	105	90	15.4	77	70	9.5
% 1,2-dichlorobenzene-d4	87	117	94	21.8	106	107	0.9
% Bromofluorobenzene	96	105	105	0.0	103	116	11.9
% Dibromofluoromethane	84	74	76	2.7	75	72	4.1
% Toluene-d8	98	85	98	14.2	96	97	1.0

QA/QC Batch 156630, QC Sample No: AZ20749 (AZ18959)

Volatiles

1,1,1,2-Tetrachloroethane	ND	105	97	7.9	106	105	0.9
1,1,1-Trichloroethane	ND	121	107	12.3	85	88	3.5
1,1,2,2-Tetrachloroethane	ND	93	96	3.2	107	106	0.9
1,1,2-Trichloroethane	ND	121	98	21.0	96	97	1.0
1,1-Dichloroethane	ND	133	103	25.4	94	96	2.1
1,1-Dichloroethene	ND	122	92	28.0	85	92	7.9
1,1-Dichloropropene	ND	87	103	16.8	74	93	22.8
1,2,3-Trichlorobenzene	ND	103	106	2.9	82	109	28.3
1,2,3-Trichloropropane	ND	100	106	5.8	111	115	3.5
1,2,4-Trichlorobenzene	ND	102	103	1.0	85	107	22.9
1,2,4-Trimethylbenzene	ND	95	105	10.0	100	102	2.0
1,2-Dibromo-3-chloropropane	ND	92	88	4.4	97	102	5.0
1,2-Dichlorobenzene	ND	106	103	2.9	102	105	2.9
1,2-Dichloroethane	ND	99	97	2.0	111	110	0.9
1,2-Dichloropropane	ND	126	103	20.1	90	93	3.3
1,3,5-Trimethylbenzene	ND	101	105	3.9	101	103	2.0
1,3-Dichlorobenzene	ND	107	108	0.9	99	103	4.0
1,3-Dichloropropane	ND	102	95	7.1	97	98	1.0
1,4-Dichlorobenzene	ND	104	101	2.9	100	98	2.0
2,2-Dichloropropane	ND	65	49	28.1	64	62	3.2
2-Chlorotoluene	ND	102	106	3.8	103	106	2.9
2-Hexanone	ND	97	88	9.7	84	89	5.8
2-Isopropyltoluene	ND	108	109	0.9	103	106	2.9
4-Chlorotoluene	ND	105	109	3.7	103	107	3.8
4-Methyl-2-pentanone	ND	114	95	18.2	91	92	1.1
Acetone	ND	116	90	25.2	75	85	12.5
Acrylonitrile	ND	133	98	30.3	79	80	1.3
Benzene	ND	84	102	19.4	93	94	1.1
Bromobenzene	ND	98	101	3.0	106	110	3.7
Bromochloromethane	ND	125	94	28.3	81	80	1.2
Bromodichloromethane	ND	119	98	19.4	105	106	0.9
Bromoform	ND	83	87	4.7	112	106	5.5
Bromomethane	ND	138	106	26.2	88	93	5.5
Carbon Disulfide	ND	146	110	28.1	84	93	10.2
Carbon tetrachloride	ND	102	95	7.1	93	95	2.1

QA/QC Data

SDG I.D.: GAZ18949

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chlorobenzene	ND	105	102	2.9	97	99	2.0
Chloroethane	ND	146	110	28.1	88	93	5.5
Chloroform	ND	120	96	22.2	75	76	1.3
Chloromethane	ND	>150	114	NC	70	70	0.0
cis-1,2-Dichloroethene	ND	133	105	23.5	88	91	3.4
cis-1,3-Dichloropropene	ND	106	91	15.2	92	94	2.2
Dibromochloromethane	ND	100	91	9.4	105	107	1.9
Dibromoethane	ND	115	97	17.0	94	96	2.1
Dibromomethane	ND	118	98	18.5	98	99	1.0
Dichlorodifluoromethane	ND	>150	120	NC	83	80	3.7
Ethylbenzene	ND	111	104	6.5	99	99	0.0
Hexachlorobutadiene	ND	111	111	0.0	105	129	20.5
Isopropylbenzene	ND	94	98	4.2	103	111	7.5
m&p-Xylene	ND	114	106	7.3	97	98	1.0
Methyl ethyl ketone	ND	90	92	2.2	59	76	25.2
Methyl t-butyl ether (MTBE)	ND	106	90	16.3	99	104	4.9
Methylene chloride	ND	113	86	27.1	73	78	6.6
Naphthalene	ND	94	99	5.2	71	92	25.8
n-Butylbenzene	ND	116	114	1.7	113	122	7.7
n-Propylbenzene	ND	103	108	4.7	100	105	4.9
o-Xylene	ND	110	100	9.5	96	92	4.3
p-Isopropyltoluene	ND	108	109	0.9	103	106	2.9
sec-Butylbenzene	ND	104	108	3.8	97	103	6.0
Styrene	ND	98	104	5.9	98	95	3.1
tert-Butylbenzene	ND	96	105	9.0	99	100	1.0
Tetrachloroethene	ND	110	101	8.5	101	102	1.0
Tetrahydrofuran (THF)	ND	94	102	8.2	55	58	5.3
Toluene	ND	122	104	15.9	95	97	2.1
trans-1,2-Dichloroethene	ND	134	101	28.1	90	97	7.5
trans-1,3-Dichloropropene	ND	105	86	19.9	97	99	2.0
trans-1,4-dichloro-2-butene	ND	56	65	14.9	111	113	1.8
Trichloroethene	ND	101	102	1.0	91	93	2.2
Trichlorofluoromethane	ND	149	109	31.0	99	102	3.0
Trichlorotrifluoroethane	ND	>150	111	NC	95	103	8.1
Vinyl chloride	ND	>150	108	NC	81	83	2.4
% 1,2-dichlorobenzene-d4	106	102	104	1.9	102	103	1.0
% Bromofluorobenzene	98	104	100	3.9	102	103	1.0
% Dibromofluoromethane	116	113	109	3.6	71	72	1.4
% Toluene-d8	102	116	101	13.8	99	98	1.0

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria



Phyllis Shiller, Laboratory Director

July 15, 2010

Thursday, July 15, 2010

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Requested Criteria: GWP, SWP

Sample Criteria Exceedences Report

GAZ18949

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored		
										Factored Criteria	RL Criteria	Analysis Units
AZ18949	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18949	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	17	1.0	5	5	ug/L
AZ18949	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18949	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	13	1.0	5	5	ug/L
AZ18950	VHB	\$8260GWR	Chloromethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	2.7	2.7	ug/L
AZ18950	VHB	\$8260GWR	Vinyl chloride	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	360	20	2	2	ug/L
AZ18950	VHB	\$8260GWR	Bromomethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	9.8	9.8	ug/L
AZ18950	VHB	\$8260GWR	1,1-Dichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	7	7	ug/L
AZ18950	VHB	\$8260GWR	Acetone	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	11000	10000	700	700	ug/L
AZ18950	VHB	\$8260GWR	Methylene chloride	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AZ18950	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	100	0.5	0.5	ug/L
AZ18950	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	SWPC (µg/L)	ND	100	20	20	ug/L
AZ18950	VHB	\$8260GWR	cis-1,2-Dichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	5800	200	70	70	ug/L
AZ18950	VHB	\$8260GWR	Tetrahydrofuran (THF)	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	890	100	5	5	ug/L
AZ18950	VHB	\$8260GWR	Methyl ethyl ketone	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	26000	2000	400	400	ug/L
AZ18950	VHB	\$8260GWR	Chloroform	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	6	6	ug/L
AZ18950	VHB	\$8260GWR	Carbon tetrachloride	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AZ18950	VHB	\$8260GWR	Benzene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	160	20	1	1	ug/L
AZ18950	VHB	\$8260GWR	1,2-Dichloroethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	1	1	ug/L
AZ18950	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AZ18950	VHB	\$8260GWR	1,2-Dichloropropane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AZ18950	VHB	\$8260GWR	Bromodichloromethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	10	0.56	0.56	ug/L
AZ18950	VHB	\$8260GWR	4-Methyl-2-pentanone	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	64000	4000	350	350	ug/L
AZ18950	VHB	\$8260GWR	Toluene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	16000	4000	1000	1000	ug/L
AZ18950	VHB	\$8260GWR	1,1,2-Trichloroethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AZ18950	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	0.05	0.05	ug/L
AZ18950	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AZ18950	VHB	\$8260GWR	Dibromochloromethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	10	0.5	0.5	ug/L
AZ18950	VHB	\$8260GWR	1,1,1,2-Tetrachloroethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	1	1	ug/L
AZ18950	VHB	\$8260GWR	Ethylbenzene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	3500	200	700	700	ug/L
AZ18950	VHB	\$8260GWR	Bromoform	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	4	4	ug/L
AZ18950	VHB	\$8260GWR	Isopropylbenzene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	100	20	30	30	ug/L
AZ18950	VHB	\$8260GWR	1,1,2,2-Tetrachloroethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	10	0.5	0.5	ug/L
AZ18950	VHB	\$8260GWR	Hexachlorobutadiene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	8.0	0.45	0.45	ug/L
AZ18950	VHB	\$8260GWR	Total Xylenes	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	9900	20	530	530	ug/L
AZ18950	VHB	D-ZN	Zinc (Dissolved)	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.602	0.002	0.123	0.123	mg/L
AZ18951	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18951	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L

Thursday, July 15, 2010

Sample Criteria Exceedences Report

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Requested Criteria: GWP, SWP

GAZ18949

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored		Analysis Units
										Factored Criteria	RL Criteria	
AZ18952	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18952	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18953	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18953	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	7.4	1.0	5	5	ug/L
AZ18953	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18954	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18954	VHB	\$8260GWR	cis-1,2-Dichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	74	5.0	70	70	ug/L
AZ18954	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	23	1.0	5	5	ug/L
AZ18954	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18954	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	12	1.0	5	5	ug/L
AZ18955	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18955	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	21	1.0	5	5	ug/L
AZ18955	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18956	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18956	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	13	1.0	5	5	ug/L
AZ18956	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18956	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	9.2	1.0	5	5	ug/L
AZ18956	VHB	D-ZN	Zinc (Dissolved)	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.151	0.002	0.123	0.123	mg/L
AZ18957	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18957	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	5.8	1.0	5	5	ug/L
AZ18957	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18958	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18958	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18958	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	6.2	1.0	5	5	ug/L
AZ18959	VHB	\$8260GWR	Vinyl chloride	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	4.8	1.0	2	2	ug/L
AZ18959	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18959	VHB	\$8260GWR	cis-1,2-Dichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	78	5.0	70	70	ug/L
AZ18959	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	42	5.0	5	5	ug/L
AZ18959	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18959	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	22	1.0	5	5	ug/L
AZ18959	VHB	D-CU	Copper (Dissolved)	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.475	0.001	0.048	0.048	mg/L
AZ18959	VHB	D-NI	Nickel (Dissolved)	ug/L	CT	Inorganic Substances	GWPC (µg/L)	0.118	0.001	0.1	0.1	mg/L
AZ18959	VHB	D-ZN	Zinc (Dissolved)	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.407	0.002	0.123	0.123	mg/L

Sample Criteria Exceedences Report

GAZ18949

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored		Analysis Units
										Factored Criteria	RL Criteria	
AZ18960	VHB	\$8260GWR	Vinyl chloride	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	3.3	1.0	2	2	ug/L
AZ18960	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18960	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	30	1.0	5	5	ug/L
AZ18960	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18960	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	15	1.0	5	5	ug/L
AZ18961	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18961	VHB	\$8260GWR	Trichloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	18	1.0	5	5	ug/L
AZ18961	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18961	VHB	\$8260GWR	Tetrachloroethene	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	6.8	1.0	5	5	ug/L
AZ18962	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18962	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18963	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18963	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18964	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18964	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18965	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18965	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ18966	VHB	\$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ18966	VHB	\$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

**Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form**

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** VHB

Project Location: ENVIRITE LF/THOMASTON **Project Number:**

Laboratory Sample ID(s): AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18964, AZ18965, AZ18966

Sampling Date(s): 6/28/2010

RCP Methods Used:

- | | | | | | | | |
|------------------------------------|--|--|-------------------------------|------------------------------------|---|------------------------------|-------------------------------|
| <input type="checkbox"/> 1311/1312 | <input checked="" type="checkbox"/> 6010 | <input type="checkbox"/> 7000 | <input type="checkbox"/> 7196 | <input type="checkbox"/> 7470/7471 | <input type="checkbox"/> 8081 | <input type="checkbox"/> EPH | <input type="checkbox"/> TO15 |
| <input type="checkbox"/> 8082 | <input type="checkbox"/> 8151 | <input checked="" type="checkbox"/> 8260 | <input type="checkbox"/> 8270 | <input type="checkbox"/> ETPH | <input checked="" type="checkbox"/> 9010/9012 | <input type="checkbox"/> VPH | |

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: VOA Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific QC samples included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Date: Thursday, July 15, 2010

Printed Name: Greg Lawrence

Position: Assistant Lab Director

Nov 2007



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

RCP Certification Report

July 15, 2010

SDG I.D.: GAZ18949

Volatile 8260 analysis:

The reporting level for Acrylonitrile is above the GWP criteria.

Dibromoethane doesn't meet GWP criteria, this compound is analyzed by GC/ECD method 504 or 8011 when this criteria needs to be met.

Due to the concentration of target compounds for several of the samples not all constituents met the requested criteria. Please refer to the Sample Criteria Exceedences Report.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Lachat 07/01/10-1 (AZ18949, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)

The samples were distilled in accordance with the method.

The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequency of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

Printed Name Greg Danielewski

Position: Chemist

Date: 7/1/2010

QC (Site Specific)

----- Sample No: AZ18949 -----

All LCS recoveries were within 85 - 115 with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp9 07/02/10-1 (AZ18949, AZ18950, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)

The initial calibration met criteria.

The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.



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SDG I.D.: GAZ18949

The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 7/2/2010

Instrument: Icp9 07/08/10-1 (AZ18950, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960,
AZ18961)

The initial calibration met criteria.

The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.

The continuing calibration blanks were less than the reporting level for the elements reported.

The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 7/8/2010

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

For the site specific QC 2,2-Dichloropropane and MTBE had slightly low LCS/LCSD recovery and low MS/MSD recovery. If this is a compound of concern at the site a low bias is possible.

Instrument: Chem02 07/06/10-1 (AZ18959)

P-Side
Initial Calibration (RPP_0706):
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: None.

Printed Name Johanna Harrington
Position: Chemist
Date: 7/6/2010

Instrument: Chem02 07/06/10-2 (AZ18954)



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RCP Certification Report

July 15, 2010

SDG I.D.: GAZ18949

P-Side

Initial Calibration (RPP_0706):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Chloromethane

Printed Name Johanna Harrington
Position: Chemist
Date: 7/6/2010

Instrument: Chem08 06/29/10-2 (AZ18950)

R -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: None.

S -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Methyl t-Butyl Ether (MTBE)

Printed Name Johanna Harrington
Position: Chemist
Date: 6/29/2010

Instrument: Chem08 06/29/10-3 (AZ18952, AZ18964)

R -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Trichlorofluoromethane, Acetone



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RCP Certification Report

July 15, 2010

SDG I.D.: GAZ18949

S -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: 1,1-Dichloropropene, Carbon Tetrachloride, Benzene, 1,2-Dichloroethane

Printed Name Johanna Harrington

Position: Chemist

Date: 6/29/2010

Instrument: Chem08 07/01/10-1 (AZ18950)

R -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: None.

S -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Acetone, Tetrahydrofuran (THF)

Printed Name Johanna Harrington

Position: Chemist

Date: 7/1/2010

Instrument: Chem08 07/01/10-2 (AZ18949, AZ18951, AZ18952, AZ18953, AZ18954, AZ18955, AZ18956, AZ18957, AZ18958, AZ18959, AZ18960, AZ18961, AZ18962, AZ18963, AZ18965, AZ18966)

R -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.



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SDG I.D.: GAZ18949

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Trichlorofluoromethane

S -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Tetrahydrofuran (THF)

Printed Name Johanna Harrington

Position: Chemist

Date: 7/1/2010

Instrument: Chem08 07/02/10-1 (AZ18950)

R -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: None.

S -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%:

Printed Name Johanna Harrington

Position: Chemist

Date: 7/2/2010

Instrument: Chem08 07/06/10-1 (AZ18960)

R -Side

Initial Calibration(RCPS_0627):



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RCP Certification Report

July 15, 2010

SDG I.D.: GAZ18949

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Chloroform, Naphthalene, 1,2,3-Trichlorobenzene

S -Side

Initial Calibration(RCPS_0627):

All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: Bromomethane, Acrolein, Tetrahydrofuran (THF), Methyl t-Butyl Ether (MTBE)

Printed Name Johanna Harrington

Position: Chemist

Date: 7/6/2010



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

RCP Certification Report

July 15, 2010

SDG I.D.: GAZ18949

QC (Site Specific)

----- Sample No: AZ18949 -----

All LCS recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Bromomethane, Methyl t-butyl ether (MTBE)

All LCSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Bromomethane, Methyl t-butyl ether (MTBE)

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Methyl t-butyl ether (MTBE)

All MSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Methyl t-butyl ether (MTBE), trans-1,4-dichloro-2-butene

All MS/MSD RPDs were less than 20% with the following exceptions: 1,1-Dichloroethene, 1,1-Dichloropropene, 2,2-Dichloropropane, Carbon Disulfide, Carbon tetrachloride, Dichlorodifluoromethane, n-Butylbenzene, p-Isopropyltoluene, sec-Butylbenzene, tert-Butylbenzene, Tetrachloroethene, Trichloroethene, Trichlorofluoromethane, Trichlorotrifluoroethane, Vinyl chloride

----- Sample No: AZ18964 -----

All LCS recoveries were within 70 - 130 with the following exceptions: Acetone, Dichlorodifluoromethane

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: Acetone

All MS recoveries were within 70 - 130 with the following exceptions: Acetone

All MSD recoveries were within 70 - 130 with the following exceptions: Acetone

All MS/MSD RPDs were less than 20% with the following exceptions: Bromomethane

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,1-Dichloroethane, 1,1-Dichloropropene, 1,2,3-Trichloropropane, 2,2-Dichloropropane, Acetone, Acrylonitrile, Bromomethane, Carbon Disulfide, Chloroethane, Chloromethane, cis-1,2-Dichloroethene, Dichlorodifluoromethane, Hexachlorobutadiene, n-Butylbenzene, Tetrahydrofuran (THF), trans-1,2-Dichloroethene, trans-1,4-dichloro-2-butene, Trichlorofluoromethane, Trichlorotrifluoroethane, Vinyl chloride

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 2,2-Dichloropropane, Bromomethane, Chloromethane, Dichlorodifluoromethane, Isopropylbenzene, Methyl ethyl ketone, Naphthalene, Tetrahydrofuran (THF), trans-1,4-dichloro-2-butene

All LCS/LCSD RPDs were less than 20% with the following exceptions: % 1,2-dichlorobenzene-d4, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 2,2-Dichloropropane, 2-Isopropyltoluene, Acetone, Acrylonitrile, Benzene, Bromochloromethane, Bromomethane, Carbon Disulfide, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, Dichlorodifluoromethane, Hexachlorobutadiene, Methylene chloride, Naphthalene, n-Butylbenzene, p-



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Isopropyltoluene, trans-1,2-Dichloroethene, trans-1,4-dichloro-2-butene, Trichlorofluoromethane, Trichlorotrifluoroethane, Vinyl chloride



CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: service@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Temp Pg 1 of 2

Data Delivery (check one):

- Fax #: _____
 Email: _____

Format: Excel Pdf Gis Key

Customer: VHB, Inc.
 Address: 54 Tutle Place
 Middletown, CT

VHB-ENV

Project: Envrite Landfill - Thomaston CT

Project P.O:

Report to: Mr. Phil Rydel

Phone #:

Invoice to: Envrite 490 Norristown Rd, Suite 252, Blue Bell PA

Fax #:

Client Sample - Information - Identification

Sampler's Signature
fmk

Date *6/29/10*

Matrix Code:
 DW=drinking water WW=wastewater S=soil/solid O=other
 GW=groundwater SL=sludge A=air

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
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Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request														
					Dissolved Ba, Cd, Cr, Cu, Fe, Mn, Na	Dissolved Ni, Zn	Total Cyanide	Chloride, NO ₂ , NO ₃ , pH, SO ₄	Conductivity, TDS, TSS	VOC by 8260	NH ₃ , TOX, Phenols, TOC	Soil VOA Vials / 1 methanol / 1 sodium Bisulfate	GL Soil container / 1 oz	40 ml VCA Vial / 1 As is (x) HCl	GL Amber 1000ml / 1 As is (x) HCl	PL As is (x) 250ml / 1 500ml (x) 1000ml	GL H ₂ SO ₄ (x) 250ml	PL HNO ₃ 250ml	Bacteria Bottle
18940	MW-30 ✓	GW	6/28/10	12:16	x	x	x	x	x	x	x			2	1	1/1	1	1	
18950	MW-31S ✓	GW		12:42	x	x	x	x	x	x	x			2	1	1/1	1	1	
18957	MW-33 ✓	GW		12:06	x	x	x	x	x	x	x			2	1	1/1	1	1	
18958	MW-36 ✓	GW		13:15	x	x	x	x	x	x	x			2	1	1/1	1	1	
18959	MW-41S ✓	GW		9:40	x	x	x	x	x	x	x			2	1	1/1	1	1	
18964	MW-41D ✓	GW		9:28	x	x	x	x	x	x	x			2	1	1/1	1	1	
18965	MW-41B ✓	GW		9:18	x	x	x	x	x	x	x			2	1	1/1	1	1	
18956	MW-42S ✓	GW		10:00	x	x	x	x	x	x	x			2	1	1/1	1	1	
18957	MW-42S DUP ✓	GW		10:00	x	x	x	x	x	x	x			2	1	1/1	1	1	Out
18958	MW-43S ✓	GW		10:30	x	x	x	x	x	x	x			2	1	1/1	1	1	
18959	MW-43D ✓	GW		11:00	x	x	x	x	x	x	x			2	1	1/1	1	1	
18960	MW-44D ✓	GW		11:15	x	x	x	x	x	x	x			2	1	1/1	1	1	

Released by:	Accepted by:	Date:	Time:
<i>mfb</i>	<i>Mfb -</i>	6/29/10	12:30
<i>mfb</i>	<i>Jesse Kaw</i>	6/29	16:40

Comments, Special Requirements or Regulations:

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 Standard
 Other

* Surcharge Applies

Requirements for CT
 Res. Criteria
 GW Protection
 GA Mobility
 GB Mobility
 SW Protection
 Res. Vol.

Ind. Vol.

Requirements for MA
 GW-1
 GW-2
 GW-3
 S-1
 S-2
 S-3
 MCP Certification
 Other

Catalog Map Project 41587.02